NAME OF WORK : DEVELOPMENT OF FOOTPATH ON MAJOR SANDEEP UNNIKRISHNAN ROAD AND RESURFACING OF ROADS AT JUDICIAL LAYOUT IN WARD NO. 04 OF YELAHANKA DIVISION (PACKAGE – 10).

EMB

(Pre-Measurement Sheet and Measurement Sheet)

First and Final Bill

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: **Development of Foothpath on Major Sandeep Unnikrishnan Road and Resurfacing of roads at Judicial layout in ward no 04 of yelahanka Division (Package -10)**

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No. 02		Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications, and as per the directions of the Engineer-in-charge of the work									
Measurements taken on		5/04/2022, 06/4/2022, 07/04/2022									
		Sandeep Unnikrishnan Road									
		From Flyover to Doddaballapura Road									
		From West to East									
		RHS									
0.00	6.90		Cum	1	6.90	3.50	4.50	4.00	0.20	5.52	
6.90	12.60		Cum	1	5.70	4.50	4.50	4.50	0.20	5.13	
12.60	17.70		Cum	1	5.10	4.50	4.50	4.50	0.20	4.59	
17.70	19.20		Cum	1	1.50	4.50	4.50	4.50	0.20	1.35	
19.20	22.10		Cum	1	2.90	4.50	4.50	4.50	0.20	2.61	
22.10	26.70		Cum	1	4.60	4.50	4.50	4.50	0.20	4.14	
26.70	29.90		Cum	1	3.20	4.50	4.50	4.50	0.20	2.88	
29.90	31.60		Cum	1	1.70	4.50	4.50	4.50	0.20	1.53	
31.60	33.20		Cum	1	1.60	4.50	4.50	4.50	0.20	1.44	
33.20	34.00	Shoulder Drain	Cum	1	0.00	4.50	4.50	4.50	0.20	0.00	
34.00	34.70		Cum	1	0.70	4.50	4.50	4.50	0.20	0.63	
34.70	40.40		Cum	1	5.70	4.50	4.50	4.50	0.20	5.13	
40.40	46.00		Cum	1	5.60	4.50	4.50	4.50	0.20	5.04	
46.00	47.90		Cum	1	1.90	4.50	4.50	4.50	0.20	1.71	
47.90	51.00		Cum	1	3.10	4.50	4.50	4.50	0.20	2.79	
51.00	57.30		Cum	1	6.30	4.50	4.70	4.60	0.20	5.80	
57.30	63.20		Cum	1	5.90	4.70	4.70	4.70	0.20	5.55	
63.20	64.00	Shoulder Drain	Cum	1	0.00	4.70	4.70	4.70	0.20	0.00	
64.00	73.40		Cum	1	9.40	4.70	4.70	4.70	0.20	8.84	
73.40	77.00		Cum	1	3.60	4.70	4.70	4.70	0.20	3.38	
77.00	79.90		Cum	1	2.90	4.70	4.70	4.70	0.20	2.73	
79.90	81.40		Cum	1	1.50	4.70	4.70	4.70	0.20	1.41	
81.40	86.60		Cum	1	5.20	4.70	4.70	4.70	0.20	4.89	
86.60	95.50		Cum	1	8.90	4.70	4.70	4.70	0.20	8.37	
95.50	100.40		Cum	1	4.90	4.70	4.70	4.70	0.20	4.61	
100.40	103.10		Cum	1	2.70	4.70	4.70	4.70	0.20	2.54	
103.10	106.40		Cum	1	3.30	4.70	4.70	4.70	0.20	3.10	
106.40	107.10	Shoulder Drain	Cum	1	0.00	4.70	4.70	4.70	0.20	0.00	
107.10	109.60		Cum	1	2.50	4.70	4.70	4.70	0.20	2.35	
109.60	113.60		Cum	1	4.00	4.70	4.70	4.70	0.20	3.76	
113.60	117.60		Cum	1	4.00	4.70	4.70	4.70	0.20	3.76	
117.60	119.50		Cum	1	1.90	4.70	4.70	4.70	0.20	1.79	
119.50	126.10		Cum	1	6.60	4.70	4.70	4.70	0.20	6.20	
126.10	136.10		Cum	1	10.00	4.70	4.70	4.70	0.20	9.40	
136.10	139.60		Cum	1	3.50	4.70	4.70	4.70	0.20	3.29	
139.60	153.60		Cum	1	14.00	4.70	4.60	4.65	0.20	13.02	
153.60	154.40	Shoulder Drain	Cum	1	0.00	0.00	0.00	0.00	0.20	0.00	
154.40	158.70		Cum	1	4.30	4.60	4.60	4.60	0.20	3.96	
158.70	162.70		Cum	1	4.00	4.60	4.60	4.60	0.20	3.68	
162.70	163.70		Cum	1	1.00	4.60	4.60	4.60	0.20	0.92	
163.70	168.20		Cum	1	4.50	4.60	4.60	4.60	0.20	4.14	
168.20	171.00		Cum	1	2.80	4.60	4.60	4.60	0.20	2.58	
171.00	174.20		Cum	1	3.20	4.60	4.60	4.60	0.20	2.95	

CIVIL Pro... Sig..... Date..... BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		RHS									
		From North to South									
0.00	3.10		Sqm	1	3.10	0.70	0.70	0.70	0.20	0.43	
3.10	3.70	Shoulder Drain	Sqm	1	0.00	0.70	0.70	0.70	0.20	0.00	
3.70	18.70		Sqm	1	15.00	0.70	0.70	0.70	0.20	2.10	
18.70	21.20		Sqm	1	2.50	0.70	0.70	0.70	0.20	0.35	
21.20	21.80	Shoulder Drain	Sqm	1	0.00	0.70	0.70	0.70	0.20	0.00	
21.80	36.80		Sqm	1	15.00	0.70	0.70	0.70	0.20	2.10	
36.80	51.90		Sqm	1	15.10	0.70	0.70	0.70	0.20	2.11	
51.90	66.10		Sqm	1	14.20	1.50	1.50	1.50	0.20	4.26	
66.10	66.70	Shoulder Drain	Sqm	1	0.00	1.50	1.50	1.50	0.20	0.00	
66.70	81.10		Sqm	1	14.40	1.50	1.50	1.50	0.20	4.32	
81.10	81.70	Shoulder Drain	Sqm	1	0.00	1.50	1.50	1.50	0.20	0.00	
81.70	96.70		Sqm	1	15.00	1.50	1.50	1.50	0.20	4.50	
96.70	111.70		Sqm	1	15.00	1.50	1.50	1.50	0.20	4.50	
111.70	126.70		Sqm	1	15.00	1.50	1.50	1.50	0.20	4.50	
126.70	141.70		Sqm	1	15.00	1.50	1.50	1.50	0.20	4.50	
141.70	142.90		Sqm	1	1.20	1.50	1.50	1.50	0.20	0.36	
142.90	143.50	Shoulder Drain	Sqm	1	0.00	1.50	1.50	1.50	0.20	0.00	
143.50	158.50		Sqm	1	15.00	1.50	1.50	1.50	0.20	4.50	
158.50	172.90		Sqm	1	14.40	1.50	1.50	1.50	0.20	4.32	
172.90	173.50	Shoulder Drain	Sqm	1	0.00	1.50	1.50	1.50	0.20	0.00	
173.50	188.50		Sqm	1	15.00	1.50	1.50	1.50	0.20	4.50	
188.50	190.20		Sqm	1	1.70	1.50	1.50	1.50	0.20	0.51	
									Total Executed Quantity	1108.44	
									Qty Carried to Summary	1108.44	

CIVIL Pro Sig..... Date..... BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No. 03		Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications and as per the directions of the Engineer-in-charge of the work									
Measurements taken on		12-04-2022 to 15/04/2022									
		For RCC Drain									
		Sandeep Unnikrishnan Road									
		From Flyover to Doddaballapura Road									
		From West to East									
		RHS									
			Cum	1	14.85	1.25	1.25	1.25	1.20	22.28	
			Cum	1	12.35	1.25	1.25	1.25	1.20	18.53	
			Cum	1	8.50	1.25	1.25	1.25	1.20	12.75	
			Cum	1	10.36	1.25	1.25	1.25	1.20	15.54	
			Cum	1	15.00	1.25	1.25	1.25	1.20	22.50	
			Cum	1	9.60	1.25	1.25	1.25	1.20	14.40	
			Cum	1	5.60	1.25	1.25	1.25	1.20	8.40	
			Cum	1	13.95	1.25	1.25	1.25	1.20	20.93	
			Cum	1	3.00	1.25	1.25	1.25	1.20	4.50	
			Cum	1	14.20	1.25	1.25	1.25	1.20	21.30	
			Cum	1	12.80	1.25	1.25	1.25	1.20	19.20	
			Cum	1	8.60	1.25	1.25	1.25	1.20	12.90	
			Cum	1	14.52	1.25	1.25	1.25	1.20	21.78	
			Cum	1	7.65	1.25	1.25	1.25	1.20	11.48	
			Cum	1	12.60	1.25	1.25	1.25	1.20	18.90	
			Cum	1	10.75	1.25	1.25	1.25	1.20	16.13	
			Cum	1	13.80	1.25	1.25	1.25	1.20	20.70	
			Cum	1	11.87	1.25	1.25	1.25	1.20	17.81	
			Cum	1	5.65	1.25	1.25	1.25	1.20	8.48	
			Cum	1	7.35	1.25	1.25	1.25	1.20	11.03	
			Cum	1	8.30	1.25	1.25	1.25	1.20	12.45	
			Cum	1	12.60	1.25	1.25	1.25	1.20	18.90	
			Cum	1	4.50	1.25	1.25	1.25	1.20	6.75	
			Cum	1	15.00	1.25	1.25	1.25	1.20	22.50	
			Cum	1	8.95	1.25	1.25	1.25	1.20	13.43	
			Cum	1	12.30	1.25	1.25	1.25	1.20	18.45	
			Cum	1	5.45	1.25	1.25	1.25	1.20	8.18	
			Cum	1	6.00	1.25	1.25	1.25	1.20	9.00	
			Cum	1	12.00	1.25	1.25	1.25	1.20	18.00	
			Cum	1	10.00	1.25	1.25	1.25	1.20	15.00	
			Cum	1	8.00	1.25	1.25	1.25	1.20	12.00	
			Cum	1	10.50	1.25	1.25	1.25	1.20	15.75	
			Cum	1	16.00	1.25	1.25	1.25	1.20	24.00	
			Cum	1	7.50	1.25	1.25	1.25	1.20	11.25	
			Cum	1	9.90	1.25	1.25	1.25	1.20	14.85	
		Yalahanka Satellite Town									
		2nd B Cross Road									
		RHS									
		From South to South									
0.00	15.00		Cum	1	15.00	1.40	1.40	1.40	1.05	22.05	
15.00	30.00		Cum	1	15.00	1.40	1.40	1.40	1.05	22.05	
30.00	45.00		Cum	1	15.00	1.40	1.40	1.40	1.05	22.05	
45.00	60.00		Cum	1	15.00	1.40	1.40	1.40	1.05	22.05	
60.00	75.00		Cum	1	15.00	1.40	1.40	1.40	1.05	22.05	
75.00	90.00		Cum	1	15.00	1.40	1.40	1.40	1.05	22.05	

CIVIL Sig Date BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
15.00	30.00		Cum	1	15.00	0.60	0.60	0.60	0.50	4.50	
30.00	45.00		Cum	1	15.00	0.60	0.60	0.60	0.50	4.50	
45.00	60.00		Cum	1	15.00	0.60	0.60	0.60	0.50	4.50	
60.00	75.00		Cum	1	15.00	0.60	0.60	0.60	0.50	4.50	
75.00	75.80		Cum	1	0.80	0.60	0.60	0.60	0.50	0.24	
75.80	88.10	No Work	Cum	1	0.00	0.60	0.60	0.60	0.50	0.00	
88.10	103.10		Cum	1	15.00	0.60	0.60	0.60	0.50	4.50	
103.10	118.10		Cum	1	15.00	0.60	0.60	0.60	0.50	4.50	
118.10	120.80		Cum	1	2.70	0.60	0.60	0.60	0.50	0.81	
120.80	137.20	No Work	Cum	1	0.00	0.60	0.60	0.60	0.50	0.00	
137.20	152.20		Cum	1	15.00	0.60	0.60	0.60	0.50	4.50	
152.20	167.20		Cum	1	15.00	0.60	0.60	0.60	0.50	4.50	
167.20	173.50		Cum	1	6.30	0.60	0.60	0.60	0.50	1.89	
173.50	186.00	No Work	Cum	1	0.00	0.60	0.60	0.60	0.50	0.00	
186.00	200.50		Cum	1	14.50	0.60	0.60	0.60	0.50	4.35	
200.50	209.20	Road Break	Cum	1	0.00	0.60	0.60	0.60	0.50	0.00	
209.20	211.50	No Work	Cum	1	0.00	0.60	0.60	0.60	0.50	0.00	
211.50	226.50		Cum	1	15.00	0.60	0.60	0.60	0.50	4.50	
226.50	235.50		Cum	1	9.00	0.60	0.60	0.60	0.50	2.70	
235.50	244.50	Road Break	Cum	1	0.00	0.60	0.60	0.60	0.50	0.00	
244.50	276.70	No Work	Cum	1	0.00	0.60	0.60	0.60	0.50	0.00	
276.70	291.70		Cum	1	15.00	0.60	0.60	0.60	0.50	4.50	
291.70	306.70		Cum	1	15.00	0.60	0.60	0.60	0.50	4.50	
306.70	321.70		Cum	1	15.00	0.60	0.60	0.60	0.50	4.50	
321.70	325.00		Cum	1	3.30	0.60	0.60	0.60	0.50	0.99	
325.00	335.90	Road Break	Cum	1	0.00	0.60	0.60	0.60	0.50	0.00	
335.90	350.90		Cum	1	15.00	0.60	0.60	0.60	0.50	4.50	
350.90	361.50		Cum	1	10.60	0.60	0.60	0.60	0.50	3.18	
361.50	368.70	Road Break	Cum	1	0.00	0.60	0.60	0.60	0.50	0.00	
368.70	454.80	No Work	Cum	1	0.00	0.60	0.60	0.60	0.50	0.00	
454.80	464.10	No Work	Cum	1	9.30	0.60	0.60	0.60	0.50	2.79	
464.10	482.40		Cum	1	0.00	0.60	0.60	0.60	0.50	0.00	
482.40	497.40		Cum	1	15.00	0.60	0.60	0.60	0.50	4.50	
497.40	500.80		Cum	1	3.40	0.60	0.60	0.60	0.50	1.02	
500.80	508.20	Road Break	Cum	1	0.00	0.60	0.60	0.60	0.50	0.00	
508.20	528.70	No Work	Cum	1	0.00	0.60	0.60	0.60	0.50	0.00	
528.70	543.70		Cum	1	15.00	0.60	0.60	0.60	0.50	4.50	
543.70	547.30		Cum	1	3.60	0.60	0.60	0.60	0.50	1.08	
		RHS									
		(From West to East)									
0.00	95.30	No Work	Cum	1	0.00	0.60	0.60	0.60	0.50	0.00	
95.30	110.30		Cum	1	15.00	0.60	0.60	0.60	0.50	4.50	
110.30	123.50		Cum	1	13.20	0.60	0.60	0.60	0.50	3.96	
123.50	168.90	No Work	Cum	1	0.00	0.60	0.60	0.60	0.50	0.00	
168.90	183.90		Cum	1	15.00	0.60	0.60	0.60	0.50	4.50	
183.90	186.80		Cum	1	2.90	0.60	0.60	0.60	0.50	0.87	
									Total Executed Quantity	1920.73	
									Qty Carried to Summary	1920.73	

CIVIL Pro Sig..... Date..... BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No. 04		Providing and laying Plain cement concrete of mix1:3:6 with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days Including cost of materials,labour, HOM curing form work, Scaffolding and Centering complete as per specifications and as per the directions of the Engineer-in-charge of the work								
Measurements taken on		19-04-2022 to 19-04-2022 21-04-2022									
		For Footpath									
		Sandeep Unnikrishnan Road									
		From Flyover to Doddaballapura Road									
		From West to East									
		RHS									
0.00	6.90		Cum	1	6.90	1.20	1.75	1.48	0.15	1.53	
6.90	12.60		Cum	1	5.70	3.90	4.60	4.25	0.15	3.63	
12.60	17.70		Cum	1	5.10	2.55	2.60	2.58	0.15	1.97	
17.70	19.20		Cum	1	1.50	1.20	1.20	1.20	0.15	0.27	
19.20	22.10		Cum	1	2.90	2.65	2.65	2.65	0.15	1.15	
22.10	26.70		Cum	1	4.60	4.55	4.70	4.63	0.15	3.19	
26.70	29.90		Cum	1	3.20	2.70	2.70	2.70	0.18	1.30	
29.90	31.60		Cum	1	1.70	1.60	1.60	1.60	0.15	0.41	
31.60	33.20		Cum	1	1.60	2.80	2.80	2.80	0.15	0.67	
33.20	34.00	Shoulder Drain	Cum	1	0.00	0.00	0.00	0.00	0.15	0.00	
34.00	34.70		Cum	1	0.70	2.80	2.80	2.80	0.15	0.29	
34.70	40.40		Cum	1	5.70	4.85	4.70	4.78	0.15	4.08	
40.40	46.00		Cum	1	5.60	2.80	2.80	2.80	0.15	2.35	
46.00	47.90		Cum	1	1.90	4.55	4.55	4.55	0.15	1.30	
47.90	51.00		Cum	1	3.10	1.40	1.40	1.40	0.15	0.65	
51.00	57.30		Cum	1	6.30	4.60	4.70	4.65	0.15	4.39	
57.30	63.20		Cum	1	5.90	2.45	2.45	2.45	0.15	2.17	
63.20	64.00	Shoulder Drain	Cum	1	0.00	0.00	0.00	0.00	0.15	0.00	
64.00	73.40		Cum	1	9.40	2.45	2.50	2.48	0.15	3.49	
73.40	77.00		Cum	1	3.60	4.70	4.70	4.70	0.15	2.54	
77.00	79.90		Cum	1	2.90	2.40	2.40	2.40	0.15	1.04	
79.90	81.40		Cum	1	1.50	4.70	4.70	4.70	0.15	1.06	
81.40	86.60		Cum	1	5.20	2.35	2.30	2.33	0.15	1.81	
86.60	95.50		Cum	1	8.90	4.80	4.80	4.80	0.15	6.41	
95.50	100.40		Cum	1	4.90	2.25	2.30	2.28	0.15	1.67	
100.40	103.10		Cum	1	2.70	4.90	4.90	4.90	0.15	1.98	
103.10	106.40		Cum	1	3.30	2.30	2.30	2.30	0.15	1.14	
106.40	107.10	Shoulder Drain	Cum	1	0.00	0.00	0.00	0.00	0.15	0.00	
107.10	109.60		Cum	1	2.50	2.30	2.25	2.28	0.15	0.85	
109.60	113.60		Cum	1	4.00	4.80	4.70	4.75	0.15	2.85	
113.60	117.60		Cum	1	4.00	2.25	2.25	2.25	0.15	1.35	
117.60	119.50		Cum	1	1.90	1.70	1.70	1.70	0.15	0.48	
119.50	126.10		Cum	1	6.60	4.85	4.85	4.85	0.15	4.80	
126.10	136.10		Cum	1	10.00	2.40	2.40	2.40	0.15	3.60	
136.10	139.60		Cum	1	3.50	4.80	4.80	4.80	0.15	2.52	
139.60	153.60		Cum	1	14.00	2.40	2.40	2.40	0.15	5.04	
153.60	154.40	Shoulder Drain	Cum	1	0.00	0.00	0.00	0.00	0.15	0.00	
154.40	158.70		Cum	1	4.30	2.40	2.50	2.45	0.15	1.58	
158.70	162.70		Cum	1	4.00	4.80	4.80	4.80	0.15	2.88	
162.70	163.70		Cum	1	1.00	2.40	2.40	2.40	0.15	0.36	
163.70	168.20		Cum	1	4.50	4.80	4.80	4.80	0.15	3.24	
168.20	171.00		Cum	1	2.80	2.40	2.40	2.40	0.15	1.01	
171.00	174.20		Cum	1	3.20	5.00	5.00	5.00	0.15	2.40	
174.20	181.50		Cum	1	7.30	2.50	2.50	2.50	0.15	2.74	

CIVIL Prof Sig. Date BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
31.00	36.00	Road Break	Cum	1	0.00	1.10	1.10	1.10	0.15	0.00	
36.00	50.00		Cum	1	14.00	1.10	1.10	1.10	0.15	2.31	
50.00	65.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
65.00	80.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
80.00	95.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
95.00	110.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
110.00	125.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
125.00	140.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
140.00	155.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
155.00	170.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
170.00	185.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
185.00	187.00		Cum	1	2.00	1.10	1.10	1.10	0.15	0.33	
		RHS									
		From North to South									
0.00	15.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
15.00	30.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
30.00	45.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
45.00	60.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
60.00	75.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
75.00	90.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
90.00	105.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
105.00	120.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
120.00	135.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
135.00	150.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
150.00	165.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
165.00	180.00		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
180.00	190.20		Cum	1	10.20	1.10	1.10	1.10	0.15	1.68	
		Culvert									
		2nd B Cross Road									
			Cum	1	3.80	1.40	1.40	1.40	0.15	0.80	
			Cum	1	4.00	1.40	1.40	1.40	0.15	0.84	
			Cum	1	5.10	1.40	1.40	1.40	0.15	1.07	
			Cum	1	5.10	1.40	1.40	1.40	0.15	1.07	
									Total Executed Quantity	774.97	
									Qty Carried to Summary	774.97	

CIVIL Pro
Sig.....
Date.....
BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No. 05		Providing TMT Bars Fe 500 reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification and as per the directions of the Engineer-in-charge of the work									
		For Drain	Tonne		From Steel Calculation					29.85	
		For Culvert	Tonne		From Steel Calculation					1.02	
									Total Executed Quantity	30.87	
									Qty Carried to Summary	30.87	

CIVIL Pro
Sig
Date
BANGALORE

Contractor PMC Assistant Engineer

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Development of Foothpath on Major Sandeep Unnikrishnan Road and Resurfacing of roads at Judicial layout in ward no 04 of yelahanka Division (Package -10)

PRE MEASUREMENT SHEET

First And Final Bill

STEEL CALCULATION

SI NO	Description	Nos	BAR DIA	No. Bars	Total No. bars	Length	Total Length	Weight	Total weight
			mm			m	m	kg/m	Kg's
Item No. 05	Providing TMT Bars Fe 500 reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification and as per the directions of the Engineer-in-charge of the work								
Measurements Taken On;		30-04-2022, 02-05-2022, 4-05-2022							
	For RCC Drain								
	Sandeep Unnikrishnan Road								
	From Flyover to Doddaballapura Road								
	Main Bars (#12@160 c/c)	1	12	2250	2250	3.15	7087.50	0.89	6292.38
	Distribution(16-#10)	1	10	16	16	360.00	5760.00	0.62	3551.26
	2nd B Cross Road								
	RHS								
	From South to South								
	Main Bars (#12@160 c/c)	1	12	1396	1396	3.00	4186.88	0.89	3717.17
	Distribution(15-#10)	1	10	15	15	223.30	3349.50	0.62	2065.09
	LHS								
	From South to South								
	Main Bars (#12@160 c/c)	1	12	1297	1297	3.00	3890.63	0.89	3454.15
	Distribution(15-#10)	1	10	15	15	207.50	3112.50	0.62	1918.97
	2ndA Cross Road								
	LHS								
	From North to South								
	Main Bars (#12@160 c/c)	1	12	1095	1095	2.70	2956.50	0.89	2624.82
	Distribution(15-#10)	1	10	15	15	175.20	2628.00	0.62	1620.26
	RHS								
	From North to South								
	Main Bars (#12@160 c/c)	1	12	1189	1189	2.70	3209.63	0.89	2849.55
	Distribution(15-#10)	1	10	15	15	190.20	2853.00	0.62	1758.98
								QTY IN KG'S	**29852.64**

CIVIL Pro Sig ..... Date ..... BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

Sl NO	Description	Nos	BAR DIA	No. Bars	Total No. bars	Length	Total Length	Weight	Total weight
			mm			m	m	kg/m	Kg's
							QTY IN TONNE		29.85
	For Culvert								
	2nd B Cross Road								
	12# @140 c/c main bars	1	12	27	27	5.70	154.71	0.89	137.36
	10# @150 c/c Distrubution bars	1	10	33	33	3.80	125.40	0.62	77.31
	12# @140 c/c main bars	1	12	29	29	5.70	162.86	0.89	144.59
	10# @150 c/c Distrubution bars	1	10	33	33	4.00	132.00	0.62	81.38
	12# @140 c/c main bars	1	12	36	36	5.70	207.64	0.89	184.35
	10# @150 c/c Distrubution bars	1	10	33	33	5.10	168.30	0.62	103.76
	12# @140 c/c main bars	1	12	36	36	5.70	207.64	0.89	184.35
	10# @150 Distrubution bars	1	10	33	33	5.10	168.30	0.62	103.76
							QTY IN KG'S		1016.86
							QTY IN TONNE		1.02
							TOTAL QTY IN KG'S		30869.50
							TOTAL QTY IN TONNE		30.87

CIVIL Pro Sig..... Date..... BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No.10		Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs. with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications and as per the directions of the Engineer-in-charge of the work									
Measurements taken on		16/05/2022, 18/06/2022, 20/06/2022, 21/06/2022									
		For Kerb Stones									
		Sandeep Unnikrishnan Road									
		From Flyover to Doddaballapura Road									
		From West to East									
		RHS									
0.00	15.00		Cum	1	15.00	0.20	0.20	0.20	0.15	0.45	
15.00	30.00		Cum	1	15.00	0.20	0.20	0.20	0.15	0.45	
30.00	33.20		Cum	1	3.20	0.20	0.20	0.20	0.15	0.10	
33.20	34.00	Shoulder Drain	Cum	1	0.00	0.20	0.20	0.20	0.15	0.00	
34.00	45.00		Cum	1	11.00	0.20	0.20	0.20	0.15	0.33	
45.00	60.00		Cum	1	15.00	0.20	0.20	0.20	0.15	0.45	
60.00	63.10		Cum	1	3.10	0.20	0.20	0.20	0.15	0.09	
63.10	64.00	Shoulder Drain	Cum	1	0.00	0.20	0.20	0.20	0.15	0.00	
64.00	75.00		Cum	1	11.00	0.20	0.20	0.20	0.15	0.33	
75.00	90.00		Cum	1	15.00	0.20	0.20	0.20	0.15	0.45	
90.00	105.00		Cum	1	15.00	0.20	0.20	0.20	0.15	0.45	
105.00	106.40		Cum	1	1.40	0.20	0.20	0.20	0.15	0.04	
106.40	107.20	Shoulder Drain	Cum	1	0.00	0.20	0.20	0.20	0.15	0.00	
107.20	120.00		Cum	1	12.80	0.20	0.20	0.20	0.15	0.38	
120.00	135.00		Cum	1	15.00	0.20	0.20	0.20	0.15	0.45	
135.00	150.00		Cum	1	15.00	0.20	0.20	0.20	0.15	0.45	
150.00	153.60		Cum	1	3.60	0.20	0.20	0.20	0.15	0.11	
153.60	154.40	Shoulder Drain	Cum	1	0.00	0.20	0.20	0.20	0.15	0.00	
154.40	165.00		Cum	1	10.60	0.20	0.20	0.20	0.15	0.32	
165.00	180.00		Cum	1	15.00	0.20	0.20	0.20	0.15	0.45	
180.00	195.00		Cum	1	15.00	0.20	0.20	0.20	0.15	0.45	
195.00	204.60		Cum	1	9.60	0.20	0.20	0.20	0.15	0.29	
204.60	205.40	Shoulder Drain	Cum	1	0.00	0.20	0.20	0.20	0.15	0.00	
205.40	215.00		Cum	1	9.60	0.20	0.20	0.20	0.15	0.29	
215.00	225.50		Cum	1	10.50	0.20	0.20	0.20	0.15	0.32	
225.50	236.10	Road Break	Cum	1	0.00	0.20	0.20	0.20	0.15	0.00	
236.10	245.00		Cum	1	8.90	0.20	0.20	0.20	0.15	0.27	
245.00	251.30		Cum	1	6.30	0.20	0.20	0.20	0.15	0.19	
251.30	252.10	Shoulder Drain	Cum	1	0.00	0.20	0.20	0.20	0.15	0.00	
252.10	255.00		Cum	1	2.90	0.20	0.20	0.20	0.15	0.09	
255.00	270.00		Cum	1	15.00	0.20	0.20	0.20	0.15	0.45	
270.00	274.20		Cum	1	4.20	0.20	0.20	0.20	0.15	0.13	
274.20	282.50	Road Break	Cum	1	0.00	0.20	0.20	0.20	0.15	0.00	
282.50	293.20		Cum	1	10.70	0.20	0.20	0.20	0.15	0.32	
293.20	294.00	Shoulder Drain	Cum	1	0.00	0.20	0.20	0.20	0.15	0.00	
294.00	300.00		Cum	1	6.00	0.20	0.20	0.20	0.15	0.18	
300.00	315.00		Cum	1	15.00	0.20	0.20	0.20	0.15	0.45	
315.00	330.00		Cum	1	15.00	0.20	0.20	0.20	0.15	0.45	
330.00	334.20		Cum	1	4.20	0.20	0.20	0.20	0.15	0.13	
334.20	335.00	Shoulder Drain	Cum	1	0.00	0.20	0.20	0.20	0.15	0.00	
335.00	345.00		Cum	1	10.00	0.20	0.20	0.20	0.15	0.30	
345.00	360.00		Cum	1	15.00	0.20	0.20	0.20	0.15	0.45	
360.00	364.90		Cum	1	4.90	0.20	0.20	0.20	0.15	0.15	
364.90	365.70	Shoulder Drain	Cum	1	0.00	0.20	0.20	0.20	0.15	0.00	
365.70	375.00		Cum	1	9.30	0.20	0.20	0.20	0.15	0.28	
375.00	390.00		Cum	1	15.00	0.20	0.20	0.20	0.15	0.45	

CIVIL D10 Sig..... Date..... BANGALORE

Contractor PWC Assistant Engineer Assistant Executive Engineer

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
173.50	186.00	No Work	Cum	1	0.00	0.15	0.15	0.15	0.10	0.00	
186.00	200.50		Cum	1	14.50	0.15	0.15	0.15	0.10	0.22	
200.50	209.20	Road Break	Cum	1	0.00	0.15	0.15	0.15	0.10	0.00	
209.20	211.50	No Work	Cum	1	0.00	0.15	0.15	0.15	0.10	0.00	
211.50	226.50		Cum	1	15.00	0.15	0.15	0.15	0.10	0.23	
226.50	235.50		Cum	1	9.00	0.15	0.15	0.15	0.10	0.14	
235.50	244.50	Road Break	Cum	1	0.00	0.15	0.15	0.15	0.10	0.00	
244.50	276.70	No Work	Cum	1	0.00	0.15	0.15	0.15	0.10	0.00	
276.70	291.70		Cum	1	15.00	0.15	0.15	0.15	0.10	0.23	
291.70	306.70		Cum	1	15.00	0.15	0.15	0.15	0.10	0.23	
306.70	321.70		Cum	1	15.00	0.15	0.15	0.15	0.10	0.23	
321.70	325.00		Cum	1	3.30	0.15	0.15	0.15	0.10	0.05	
325.00	335.90	Road Break	Cum	1	0.00	0.15	0.15	0.15	0.10	0.00	
335.90	350.90		Cum	1	15.00	0.15	0.15	0.15	0.10	0.23	
350.90	361.50		Cum	1	10.60	0.15	0.15	0.15	0.10	0.16	
361.50	368.70	Road Break	Cum	1	0.00	0.15	0.15	0.15	0.10	0.00	
368.70	454.80	No Work	Cum	1	0.00	0.15	0.15	0.15	0.10	0.00	
454.80	464.10		Cum	1	9.30	0.15	0.15	0.15	0.10	0.14	
464.10	482.40	No Work	Cum	1	0.00	0.15	0.15	0.15	0.10	0.00	
482.40	497.40		Cum	1	15.00	0.15	0.15	0.15	0.10	0.23	
497.40	500.80		Cum	1	3.40	0.15	0.15	0.15	0.10	0.05	
500.80	508.20	Road Break	Cum	1	0.00	0.15	0.15	0.15	0.10	0.00	
508.20	528.70	No Work	Cum	1	0.00	0.15	0.15	0.15	0.10	0.00	
528.70	543.70		Cum	1	15.00	0.15	0.15	0.15	0.10	0.23	
543.70	547.30		Cum	1	3.60	0.15	0.15	0.15	0.10	0.05	
		RHS									
		(From West to East)									
0.00	95.30	No Work	Cum	1	0.00	0.15	0.15	0.15	0.10	0.00	
95.30	110.30		Cum	1	15.00	0.15	0.15	0.15	0.10	0.23	
110.30	123.50		Cum	1	13.20	0.15	0.15	0.15	0.10	0.20	
123.50	168.90	No Work	Cum	1	0.00	0.15	0.15	0.15	0.10	0.00	
168.90	183.90		Cum	1	15.00	0.15	0.15	0.15	0.10	0.23	
183.90	186.80		Cum	1	2.90	0.15	0.15	0.15	0.10	0.04	
		For Bollards									
		Sandeep Unnikrishnan Road									
		From Flyover to Doddaballapura Road									
		From West to East									
		RHS									
			Cum	777	0.25	0.25	0.25	0.25	0.25	12.14	
									Total Executed Quantity	194.06	
									Qty Carried to Summary	194.06	

CIVIL Pro Sig..... Date..... BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No.13		Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not less than 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) - 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. and as per the directions of the Engineer-in-charge of the work									
Measurements taken on		06/05/2022, 07/05/2022									
		Sandeep Unnikrishnan Road									
		From Flyover to Doddaballapura Road									
		From West to East									
		RHS									
		Shoulder Drain1	Sqm	2	5.30				0.20	2.12	
		Shoulder Drain2	Sqm	2	5.50				0.20	2.20	
		Shoulder Drain3	Sqm	2	5.10				0.20	2.04	
		Shoulder Drain4	Sqm	2	6.30				0.20	2.52	
		Shoulder Drain5	Sqm	2	5.70				0.20	2.28	
		Shoulder Drain6	Sqm	2	6.00				0.20	2.40	
		Shoulder Drain7	Sqm	2	6.30				0.20	2.52	
		Shoulder Drain8	Sqm	2	6.30				0.20	2.52	
		Shoulder Drain9	Sqm	2	6.32				0.20	2.53	
		Shoulder Drain10	Sqm	2	6.20				0.20	2.48	
		Shoulder Drain11	Sqm	2	6.60				0.20	2.64	
		Shoulder Drain12	Sqm	2	6.20				0.20	2.48	
		Shoulder Drain13	Sqm	2	4.70				0.20	1.88	
		Shoulder Drain14	Sqm	2	5.00				0.20	2.00	
		Shoulder Drain15	Sqm	2	6.60				0.20	2.64	
		Shoulder Drain16	Sqm	2	6.40				0.20	2.56	
		Shoulder Drain17	Sqm	2	7.60				0.20	3.04	
		Shoulder Drain18	Sqm	2	6.10				0.20	2.44	
		Shoulder Drain19	Sqm	2	5.90				0.20	2.36	
		Shoulder Drain20	Sqm	2	6.80				0.20	2.72	
		Shoulder Drain21	Sqm	2	6.20				0.20	2.48	
		Near Yalahanka Police Station									
			Sqm	1	10.70				0.40	4.28	
			Sqm	1	1.50				0.40	0.60	
			Sqm	1	3.50				0.40	1.40	
			Sqm	1	1.00				0.40	0.40	
			Sqm	1	2.00				0.40	0.80	
		Yalahanka Satellite Town 2nd B Cross Road									
		RHS									
		Shoulder Drain 1	Sqm	2	1.00				0.20	0.40	
		Shoulder Drain 2	Sqm	2	1.00				0.20	0.40	
		Shoulder Drain 3	Sqm	2	1.00				0.20	0.40	
		Shoulder Drain 4	Sqm	2	1.00				0.20	0.40	
		Shoulder Drain 5	Sqm	2	1.00				0.20	0.40	
		Shoulder Drain 6	Sqm	2	1.00				0.20	0.40	
		Shoulder Drain 7	Sqm	2	1.00				0.20	0.40	
		Shoulder Drain 8	Sqm	2	1.00				0.20	0.40	
		Shoulder Drain 9	Sqm	2	1.00				0.20	0.40	
		Shoulder Drain 10	Sqm	2	1.00				0.20	0.40	
		Shoulder Drain 11	Sqm	2	1.00				0.20	0.40	
		LHS									
		Shoulder Drain 1	Sqm	2	1.00				0.20	0.40	
		Shoulder Drain 2	Sqm	2	1.00				0.20	0.40	

CIVIL Pro Sig ..... Date ..... BANGALORE PMC

Contractor

Assistant Engineer

Assistant Executive Engineer

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
300.00	315.00	no work	Sqm	2	0.00				0.20	0.00	
315.00	330.00		Sqm	2	15.00				0.20	6.00	
330.00	331.80		Sqm	2	1.80				0.20	0.72	
331.80	346.65	no work	Sqm	2	0.00				0.20	0.00	
346.65	360.00		Sqm	2	13.35				0.20	5.34	
360.00	364.10		Sqm	2	4.10				0.20	1.64	
364.10	375.00		Sqm	2	10.90				0.20	4.36	
375.00	384.70		Sqm	2	9.70				0.20	3.88	
384.70	392.30	culvert	Sqm	2	0.00				0.20	0.00	
392.30	405.00		Sqm	2	12.70				0.20	5.08	
405.00	420.00	no work	Sqm	2	0.00				0.20	0.00	
420.00	435.00		Sqm	2	15.00				0.20	6.00	
435.00	439.20		Sqm	2	4.20				0.20	1.68	
439.20	442.40		Sqm	2	3.20				0.20	1.28	
442.40	449.75	no work	Sqm	2	0.00				0.20	0.00	
449.75	465.00		Sqm	2	15.25				0.20	6.10	
465.00	480.00		Sqm	2	15.00				0.20	6.00	
480.00	495.00	no work	Sqm	2	0.00				0.20	0.00	
495.00	510.00	no work	Sqm	2	0.00				0.20	0.00	
510.00	525.00		Sqm	2	15.00				0.20	6.00	
525.00	538.80	no work	Sqm	2	0.00				0.20	0.00	
538.80	542.30		Sqm	2	3.50				0.20	1.40	
542.30	550.40	culvert	Sqm	2	0.00				0.20	0.00	
550.40	555.00		Sqm	2	4.60				0.20	1.84	
555.00	570.00		Sqm	2	15.00				0.20	6.00	
570.00	582.60	no work	Sqm	2	0.00				0.20	0.00	
582.60	588.20		Sqm	2	5.60				0.20	2.24	
588.20	598.60	culvert	Sqm	2	0.00				0.20	0.00	
598.60	600.00		Sqm	2	1.40				0.20	0.56	
600.00	615.00		Sqm	2	15.00				0.20	6.00	
615.00	630.00	no work	Sqm	2	0.00				0.20	0.00	
630.00	645.00		Sqm	2	15.00				0.20	6.00	
645.00	656.87	no work	Sqm	2	0.00				0.20	0.00	
656.87	662.10		Sqm	2	5.23				0.20	2.09	
662.10	664.72	no work	Sqm	2	0.00				0.20	0.00	
664.72	675.00		Sqm	2	10.28				0.20	4.11	
675.00	680.00	no work	Sqm	2	0.00				0.20	0.00	
680.00	701.10	no work	Sqm	2	0.00				0.20	0.00	
701.10	713.80		Sqm	2	12.70				0.20	5.08	
713.80	722.10	no work	Sqm	2	0.00				0.20	0.00	
722.10	735.00		Sqm	2	12.90				0.20	5.16	
735.00	750.00	no work	Sqm	2	0.00				0.20	0.00	
750.00	765.00		Sqm	2	15.00				0.20	6.00	
765.00	768.50		Sqm	2	3.50				0.20	1.40	
768.50	772.60	BS Slab	Sqm	2	4.10				0.20	1.64	
772.60	783.00	no work	Sqm	2	0.00				0.20	0.00	
783.00	795.00		Sqm	2	12.00				0.20	4.80	
795.00	812.15	no work	Sqm	2	0.00				0.20	0.00	
812.15	815.00		Sqm	2	2.85				0.20	1.14	
815.00	824.00	no work	Sqm	2	0.00				0.20	0.00	
									Total Executed Quantity	241.01	
									Qty Carried to Summary	241.01	

CIVIL Pro Sig..... Date..... BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No.18		Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location and complete as per specifications and as per the directions of the Engineer-in-charge of the work									
Measurements taken on											
		Water Cut Portion									
		Judicial Layout									
		4th Cross Road									
		From west to east									
		LHS									
0.00	15.00		Cum	1	15.00	1.00	1.00	1.00	0.41	6.08	
15.00	30.00		Cum	1	15.00	1.00	1.00	1.00	0.41	6.08	
30.00	45.00		Cum	1	15.00	1.00	1.00	1.00	0.41	6.08	
45.00	60.00		Cum	1	15.00	1.00	1.00	1.00	0.41	6.08	
60.00	75.00		Cum	1	15.00	1.00	1.00	1.00	0.41	6.08	
75.00	90.00		Cum	1	15.00	1.00	1.00	1.00	0.41	6.08	
90.00	105.00		Cum	1	15.00	1.00	1.00	1.00	0.41	6.08	
105.00	120.00		Cum	1	15.00	1.00	1.00	1.00	0.41	6.08	
120.00	135.00		Cum	1	15.00	1.00	1.00	1.00	0.41	6.08	
135.00	150.00		Cum	1	15.00	1.00	1.00	1.00	0.41	6.08	
150.00	152.20		Cum	1	2.20	1.00	1.00	1.00	0.41	0.89	
152.20	165.00		Cum	1	12.80	1.00	1.00	1.00	0.41	5.18	
165.00	180.00		Cum	1	15.00	1.00	1.00	1.00	0.41	6.08	
180.00	195.00		Cum	1	15.00	1.00	1.00	1.00	0.41	6.08	
195.00	210.00		Cum	1	15.00	1.00	1.00	1.00	0.41	6.08	
210.00	225.00		Cum	1	15.00	1.00	1.00	1.00	0.41	6.08	
225.00	240.00		Cum	1	15.00	1.00	1.00	1.00	0.41	6.08	
240.00	255.00		Cum	1	15.00	1.00	1.00	1.00	0.41	6.08	
255.00	270.00		Cum	1	15.00	1.00	1.00	1.00	0.41	6.08	
270.00	283.70		Cum	1	13.70	1.00	1.00	1.00	0.41	5.55	
283.70	288.40		Cum	1	4.70	1.00	1.00	1.00	0.41	1.90	
		RHS									
0.00	15.00		Cum	1	15.00	1.00	1.00	1.00	0.41	6.08	
15.00	30.00		Cum	1	15.00	1.00	1.00	1.00	0.41	6.08	
30.00	45.00		Cum	1	15.00	1.00	1.00	1.00	0.41	6.08	
45.00	60.00		Cum	1	15.00	1.00	1.00	1.00	0.41	6.08	
60.00	75.00		Cum	1	15.00	1.00	1.00	1.00	0.41	6.08	
75.00	90.00		Cum	1	15.00	1.00	1.00	1.00	0.41	6.08	
90.00	105.00		Cum	1	15.00	1.00	1.00	1.00	0.41	6.08	
105.00	120.00		Cum	1	15.00	1.00	1.00	1.00	0.41	6.08	
120.00	135.00		Cum	1	15.00	1.00	1.00	1.00	0.41	6.08	
135.00	150.00		Cum	1	15.00	1.00	1.00	1.00	0.41	6.08	
150.00	152.20		Cum	1	2.20	1.00	1.00	1.00	0.41	0.89	
152.20	165.00		Cum	1	12.80	1.00	1.00	1.00	0.41	5.18	
165.00	180.00		Cum	1	15.00	1.00	1.00	1.00	0.41	6.08	
180.00	195.00		Cum	1	15.00	1.00	1.00	1.00	0.41	6.08	
195.00	210.00		Cum	1	15.00	1.00	1.00	1.00	0.41	6.08	
210.00	225.00		Cum	1	15.00	1.00	1.00	1.00	0.41	6.08	
225.00	240.00		Cum	1	15.00	1.00	1.00	1.00	0.41	6.08	
240.00	255.00		Cum	1	15.00	1.00	1.00	1.00	0.41	6.08	
255.00	270.00		Cum	1	15.00	1.00	1.00	1.00	0.41	6.08	
270.00	283.70		Cum	1	13.70	1.00	1.00	1.00	0.41	5.55	
283.70	288.40		Cum	1	4.70	1.00	1.00	1.00	0.41	1.90	

CIVIK Pro Sig..... Date..... BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		RHS									
0.00	15.00		Cum	1	15.00	0.90	0.90	0.90	0.41	5.47	
15.00	30.00		Cum	1	15.00	0.90	0.90	0.90	0.41	5.47	
30.00	45.00		Cum	1	15.00	0.90	0.90	0.90	0.41	5.47	
45.00	60.00		Cum	1	15.00	0.90	0.90	0.90	0.41	5.47	
60.00	75.00		Cum	1	15.00	0.90	0.90	0.90	0.41	5.47	
75.00	90.00		Cum	1	15.00	0.90	0.90	0.90	0.41	5.47	
90.00	105.00		Cum	1	15.00	0.90	0.90	0.90	0.41	5.47	
105.00	120.00		Cum	1	15.00	0.90	0.90	0.90	0.41	5.47	
120.00	135.00		Cum	1	15.00	0.90	0.90	0.90	0.41	5.47	
135.00	150.00		Cum	1	15.00	0.90	0.90	0.90	0.41	5.47	
150.00	165.00		Cum	1	15.00	0.90	0.90	0.90	0.41	5.47	
165.00	180.00		Cum	1	15.00	0.90	0.90	0.90	0.41	5.47	
180.00	195.00		Cum	1	15.00	0.90	0.90	0.90	0.41	5.47	
195.00	210.00		Cum	1	15.00	0.90	0.90	0.90	0.41	5.47	
210.00	225.00		Cum	1	15.00	0.90	0.90	0.90	0.41	5.47	
225.00	229.60		Cum	1	4.60	0.90	0.90	0.90	0.41	1.68	
									Total Executed Quantity	2309.60	
									Qty Carried to Summary	2309.60	

CIVIL Pro Sig..... Date..... BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No.19		Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications and as per the directions of the Engineer-in-charge of the work									
Measurements taken on		28/06/2022, 29/06/2022, 30/06/2022									
		Water Cut Portion									
		Judicial Layout									
		4th Cross Road									
		From west to east									
		LHS									
0.00	15.00		Cum	1	15.00	1.00	1.00	1.00	0.18	2.70	
15.00	30.00		Cum	1	15.00	1.00	1.00	1.00	0.18	2.70	
30.00	45.00		Cum	1	15.00	1.00	1.00	1.00	0.18	2.70	
45.00	60.00		Cum	1	15.00	1.00	1.00	1.00	0.18	2.70	
60.00	75.00		Cum	1	15.00	1.00	1.00	1.00	0.18	2.70	
75.00	90.00		Cum	1	15.00	1.00	1.00	1.00	0.18	2.70	
90.00	105.00		Cum	1	15.00	1.00	1.00	1.00	0.18	2.70	
105.00	120.00		Cum	1	15.00	1.00	1.00	1.00	0.18	2.70	
120.00	135.00		Cum	1	15.00	1.00	1.00	1.00	0.18	2.70	
135.00	150.00		Cum	1	15.00	1.00	1.00	1.00	0.18	2.70	
150.00	152.20		Cum	1	15.00	1.00	1.00	1.00	0.18	2.70	
152.20	165.00		Cum	1	2.20	1.00	1.00	1.00	0.18	0.40	
165.00	180.00		Cum	1	12.80	1.00	1.00	1.00	0.18	2.30	
180.00	195.00		Cum	1	15.00	1.00	1.00	1.00	0.18	2.70	
195.00	210.00		Cum	1	15.00	1.00	1.00	1.00	0.18	2.70	
210.00	225.00		Cum	1	15.00	1.00	1.00	1.00	0.18	2.70	
225.00	240.00		Cum	1	15.00	1.00	1.00	1.00	0.18	2.70	
240.00	255.00		Cum	1	15.00	1.00	1.00	1.00	0.18	2.70	
255.00	270.00		Cum	1	15.00	1.00	1.00	1.00	0.18	2.70	
270.00	283.70		Cum	1	15.00	1.00	1.00	1.00	0.18	2.70	
283.70	288.40		Cum	1	13.70	1.00	1.00	1.00	0.18	2.70	
			Cum	1	4.70	1.00	1.00	1.00	0.18	2.47	
									0.18	0.85	
		RHS									
0.00	15.00		Cum	1	15.00	1.00	1.00	1.00	0.18	2.70	
15.00	30.00		Cum	1	15.00	1.00	1.00	1.00	0.18	2.70	
30.00	45.00		Cum	1	15.00	1.00	1.00	1.00	0.18	2.70	
45.00	60.00		Cum	1	15.00	1.00	1.00	1.00	0.18	2.70	
60.00	75.00		Cum	1	15.00	1.00	1.00	1.00	0.18	2.70	
75.00	90.00		Cum	1	15.00	1.00	1.00	1.00	0.18	2.70	
90.00	105.00		Cum	1	15.00	1.00	1.00	1.00	0.18	2.70	
105.00	120.00		Cum	1	15.00	1.00	1.00	1.00	0.18	2.70	
120.00	135.00		Cum	1	15.00	1.00	1.00	1.00	0.18	2.70	
135.00	150.00		Cum	1	15.00	1.00	1.00	1.00	0.18	2.70	
150.00	152.20		Cum	1	15.00	1.00	1.00	1.00	0.18	2.70	
152.20	165.00		Cum	1	2.20	1.00	1.00	1.00	0.18	0.40	
165.00	180.00		Cum	1	12.80	1.00	1.00	1.00	0.18	2.30	
180.00	195.00		Cum	1	15.00	1.00	1.00	1.00	0.18	2.70	
195.00	210.00		Cum	1	15.00	1.00	1.00	1.00	0.18	2.70	
210.00	225.00		Cum	1	15.00	1.00	1.00	1.00	0.18	2.70	
225.00	240.00		Cum	1	15.00	1.00	1.00	1.00	0.18	2.70	
240.00	255.00		Cum	1	15.00	1.00	1.00	1.00	0.18	2.70	
255.00	270.00		Cum	1	15.00	1.00	1.00	1.00	0.18	2.70	
270.00	283.70		Cum	1	15.00	1.00	1.00	1.00	0.18	2.70	
283.70	288.40		Cum	1	13.70	1.00	1.00	1.00	0.18	2.70	
			Cum	1	4.70	1.00	1.00	1.00	0.18	2.47	
									0.18	0.85	

CIVIL Pro Sig Date BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
90.00	105.00		Cum	1	15.00	0.90	0.90	0.90	0.18	2.43	
105.00	120.00		Cum	1	15.00	0.90	0.90	0.90	0.18	2.43	
120.00	135.00		Cum	1	15.00	0.90	0.90	0.90	0.18	2.43	
135.00	139.30		Cum	1	4.30	0.90	0.90	0.90	0.18	0.70	
139.30	150.00		Cum	1	10.70	0.90	0.90	0.90	0.18	1.73	
150.00	165.00		Cum	1	15.00	0.90	0.90	0.90	0.18	2.43	
165.00	170.10		Cum	1	5.10	0.90	0.90	0.90	0.18	0.83	
170.10	180.00		Cum	1	9.90	0.90	0.90	0.90	0.18	1.60	
180.00	195.00		Cum	1	15.00	0.90	0.90	0.90	0.18	2.43	
195.00	210.00		Cum	1	15.00	0.90	0.90	0.90	0.18	2.43	
210.00	225.00		Cum	1	15.00	0.90	0.90	0.90	0.18	2.43	
225.00	240.00		Cum	1	15.00	0.90	0.90	0.90	0.18	2.43	
240.00	241.60		Cum	1	1.60	0.90	0.90	0.90	0.18	0.26	
		16th Main Road									
		From south to north									
		LHS									
0.00	15.00		Cum	1	15.00	0.90	0.90	0.90	0.18	2.43	
15.00	30.00		Cum	1	15.00	0.90	0.90	0.90	0.18	2.43	
30.00	45.00		Cum	1	15.00	0.90	0.90	0.90	0.18	2.43	
45.00	60.00		Cum	1	15.00	0.90	0.90	0.90	0.18	2.43	
60.00	75.00		Cum	1	15.00	0.90	0.90	0.90	0.18	2.43	
75.00	90.00		Cum	1	15.00	0.90	0.90	0.90	0.18	2.43	
90.00	105.00		Cum	1	15.00	0.90	0.90	0.90	0.18	2.43	
105.00	120.00		Cum	1	15.00	0.90	0.90	0.90	0.18	2.43	
120.00	135.00		Cum	1	15.00	0.90	0.90	0.90	0.18	2.43	
135.00	150.00		Cum	1	15.00	0.90	0.90	0.90	0.18	2.43	
150.00	165.00		Cum	1	15.00	0.90	0.90	0.90	0.18	2.43	
165.00	180.00		Cum	1	15.00	0.90	0.90	0.90	0.18	2.43	
180.00	195.00		Cum	1	15.00	0.90	0.90	0.90	0.18	2.43	
195.00	210.00		Cum	1	15.00	0.90	0.90	0.90	0.18	2.43	
210.00	225.00		Cum	1	15.00	0.90	0.90	0.90	0.18	2.43	
225.00	229.60		Cum	1	4.60	0.90	0.90	0.90	0.18	0.75	
0.00	15.00		Cum	1	15.00	0.90	0.90	0.90	0.18	2.43	
15.00	30.00		Cum	1	15.00	0.90	0.90	0.90	0.18	2.43	
30.00	45.00		Cum	1	15.00	0.90	0.90	0.90	0.18	2.43	
45.00	60.00		Cum	1	15.00	0.90	0.90	0.90	0.18	2.43	
60.00	75.00		Cum	1	15.00	0.90	0.90	0.90	0.18	2.43	
75.00	90.00		Cum	1	15.00	0.90	0.90	0.90	0.18	2.43	
90.00	105.00		Cum	1	15.00	0.90	0.90	0.90	0.18	2.43	
105.00	120.00		Cum	1	15.00	0.90	0.90	0.90	0.18	2.43	
120.00	135.00		Cum	1	15.00	0.90	0.90	0.90	0.18	2.43	
135.00	150.00		Cum	1	15.00	0.90	0.90	0.90	0.18	2.43	
150.00	165.00		Cum	1	15.00	0.90	0.90	0.90	0.18	2.43	
165.00	180.00		Cum	1	15.00	0.90	0.90	0.90	0.18	2.43	
180.00	195.00		Cum	1	15.00	0.90	0.90	0.90	0.18	2.43	
195.00	210.00		Cum	1	15.00	0.90	0.90	0.90	0.18	2.43	
210.00	225.00		Cum	1	15.00	0.90	0.90	0.90	0.18	2.43	
225.00	229.60		Cum	1	4.60	0.90	0.90	0.90	0.18	0.75	
									Total Executed Quantity	972.55	
									Qty Carried to Summary	972.55	

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CIVIL Pro Sig..... Date..... BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No.20		Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications and as per the directions of the Engineer-in-charge of the work									
Measurements taken on		01/07/2022, 04/07/2022, 05/07/2022									
		Water Cut Portion									
		Judicial Layout									
		4th Cross Road									
		From west to east									
		LHS									
0.00	15.00		Cum	1	15.00	1.00	1.00	1.00	0.23	3.38	
15.00	30.00		Cum	1	15.00	1.00	1.00	1.00	0.23	3.38	
30.00	45.00		Cum	1	15.00	1.00	1.00	1.00	0.23	3.38	
45.00	60.00		Cum	1	15.00	1.00	1.00	1.00	0.23	3.38	
60.00	75.00		Cum	1	15.00	1.00	1.00	1.00	0.23	3.38	
75.00	90.00		Cum	1	15.00	1.00	1.00	1.00	0.23	3.38	
90.00	105.00		Cum	1	15.00	1.00	1.00	1.00	0.23	3.38	
105.00	120.00		Cum	1	15.00	1.00	1.00	1.00	0.23	3.38	
120.00	135.00		Cum	1	15.00	1.00	1.00	1.00	0.23	3.38	
135.00	150.00		Cum	1	15.00	1.00	1.00	1.00	0.23	3.38	
150.00	152.20		Cum	1	2.20	1.00	1.00	1.00	0.23	0.49	
152.20	165.00		Cum	1	12.80	1.00	1.00	1.00	0.23	2.88	
165.00	180.00		Cum	1	15.00	1.00	1.00	1.00	0.23	3.38	
180.00	195.00		Cum	1	15.00	1.00	1.00	1.00	0.23	3.38	
195.00	210.00		Cum	1	15.00	1.00	1.00	1.00	0.23	3.38	
210.00	225.00		Cum	1	15.00	1.00	1.00	1.00	0.23	3.38	
225.00	240.00		Cum	1	15.00	1.00	1.00	1.00	0.23	3.38	
240.00	255.00		Cum	1	15.00	1.00	1.00	1.00	0.23	3.38	
255.00	270.00		Cum	1	15.00	1.00	1.00	1.00	0.23	3.38	
270.00	283.70		Cum	1	13.70	1.00	1.00	1.00	0.23	3.08	
283.70	288.40		Cum	1	4.70	1.00	1.00	1.00	0.23	1.06	
		RHS									
0.00	15.00		Cum	1	15.00	1.00	1.00	1.00	0.23	3.38	
15.00	30.00		Cum	1	15.00	1.00	1.00	1.00	0.23	3.38	
30.00	45.00			1	15.00	1.00	1.00	1.00	0.23	3.38	
45.00	60.00		Cum	1	15.00	1.00	1.00	1.00	0.23	3.38	
60.00	75.00		Cum	1	15.00	1.00	1.00	1.00	0.23	3.38	
75.00	90.00		Cum	1	15.00	1.00	1.00	1.00	0.23	3.38	
90.00	105.00		Cum	1	15.00	1.00	1.00	1.00	0.23	3.38	
105.00	120.00		Cum	1	15.00	1.00	1.00	1.00	0.23	3.38	
120.00	135.00		Cum	1	15.00	1.00	1.00	1.00	0.23	3.38	
135.00	150.00		Cum	1	15.00	1.00	1.00	1.00	0.23	3.38	
150.00	152.20		Cum	1	2.20	1.00	1.00	1.00	0.23	0.49	
152.20	165.00		Cum	1	12.80	1.00	1.00	1.00	0.23	2.88	
165.00	180.00		Cum	1	15.00	1.00	1.00	1.00	0.23	3.38	
180.00	195.00		Cum	1	15.00	1.00	1.00	1.00	0.23	3.38	
195.00	210.00		Cum	1	15.00	1.00	1.00	1.00	0.23	3.38	
210.00	225.00		Cum	1	15.00	1.00	1.00	1.00	0.23	3.38	
225.00	240.00		Cum	1	15.00	1.00	1.00	1.00	0.23	3.38	
240.00	255.00		Cum	1	15.00	1.00	1.00	1.00	0.23	3.38	
255.00	270.00		Cum	1	15.00	1.00	1.00	1.00	0.23	3.38	
270.00	283.70		Cum	1	13.70	1.00	1.00	1.00	0.23	3.08	
283.70	288.40		Cum	1	4.70	1.00	1.00	1.00	0.23	1.06	

CIVIL Pro Sig..... Date..... BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		RHS									
0.00	15.00		Cum	1	15.00	0.90	0.90	0.90	0.23	3.04	
15.00	30.00		Cum	1	15.00	0.90	0.90	0.90	0.23	3.04	
30.00	45.00		Cum	1	15.00	0.90	0.90	0.90	0.23	3.04	
45.00	60.00		Cum	1	15.00	0.90	0.90	0.90	0.23	3.04	
60.00	75.00		Cum	1	15.00	0.90	0.90	0.90	0.23	3.04	
75.00	90.00		Cum	1	15.00	0.90	0.90	0.90	0.23	3.04	
90.00	105.00		Cum	1	15.00	0.90	0.90	0.90	0.23	3.04	
105.00	120.00		Cum	1	15.00	0.90	0.90	0.90	0.23	3.04	
120.00	135.00		Cum	1	15.00	0.90	0.90	0.90	0.23	3.04	
135.00	150.00		Cum	1	15.00	0.90	0.90	0.90	0.23	3.04	
150.00	165.00		Cum	1	15.00	0.90	0.90	0.90	0.23	3.04	
165.00	180.00		Cum	1	15.00	0.90	0.90	0.90	0.23	3.04	
180.00	195.00		Cum	1	15.00	0.90	0.90	0.90	0.23	3.04	
195.00	210.00		Cum	1	15.00	0.90	0.90	0.90	0.23	3.04	
210.00	225.00		Cum	1	15.00	0.90	0.90	0.90	0.23	3.04	
225.00	229.60		Cum	1	4.60	0.90	0.90	0.90	0.23	0.93	
									Total Executed Quantity	1337.04	
									Qty Carried to Summary	1337.04	

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CIVIL Prof
Sig.....
Date.....
BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No.21		Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications and as per the directions of the Engineer-in-charge of the work									
Measurements taken on											
		Water Cut Portion									
		Judicial Layout									
		4th Cross Road									
		From west to east									
		LHS									
0.00	15.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
15.00	30.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
30.00	45.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
45.00	60.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
60.00	75.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
75.00	90.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
90.00	105.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
105.00	120.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
120.00	135.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
135.00	150.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
150.00	152.20		Sqm	1	2.20	1.00	1.00	1.00		2.20	
152.20	165.00		Sqm	1	12.80	1.00	1.00	1.00		12.80	
165.00	180.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
180.00	195.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
195.00	210.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
210.00	225.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
225.00	240.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
240.00	255.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
255.00	270.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
270.00	283.70		Sqm	1	13.70	1.00	1.00	1.00		13.70	
283.70	288.40		Sqm	1	4.70	1.00	1.00	1.00		4.70	
0.00	0.00	RHS									
0.00	15.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
15.00	30.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
30.00	45.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
45.00	60.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
60.00	75.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
75.00	90.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
90.00	105.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
105.00	120.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
120.00	135.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
135.00	150.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
150.00	152.20		Sqm	1	2.20	1.00	1.00	1.00		2.20	
152.20	165.00		Sqm	1	12.80	1.00	1.00	1.00		12.80	
165.00	180.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
180.00	195.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
195.00	210.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
210.00	225.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
225.00	240.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
240.00	255.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
255.00	270.00		Sqm	1	15.00	1.00	1.00	1.00		15.00	
270.00	283.70		Sqm	1	13.70	1.00	1.00	1.00		13.70	

Contractor

Assistant Engineer

Assistant Executive Engineer

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
60.00	75.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
75.00	90.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
90.00	105.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
105.00	120.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
120.00	135.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
135.00	150.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
150.00	165.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
165.00	180.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
180.00	195.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
195.00	210.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
210.00	225.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
225.00	229.60		Sqm	1	4.60	0.90	0.90	0.90		4.14	
									Total Executed Quantity	8324.73	
									Qty Carried to Summary	8324.73	

CIVIL Pro Sig Date BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
180.00	195.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
195.00	210.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
210.00	225.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
225.00	240.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
240.00	241.60		Sqm	1	1.60	0.90	0.90	0.90		1.44	
		RHS									
0.00	15.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
15.00	30.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
30.00	45.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
45.00	60.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
60.00	70.40		Sqm	1	10.40	0.90	0.90	0.90		9.36	
70.40	78.10		Sqm	1	7.70	0.90	0.90	0.90		6.93	
78.10	90.00		Sqm	1	11.90	0.90	0.90	0.90		10.71	
90.00	105.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
105.00	120.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
120.00	135.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
135.00	139.30		Sqm	1	4.30	0.90	0.90	0.90		3.87	
139.30	150.00		Sqm	1	10.70	0.90	0.90	0.90		9.63	
150.00	165.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
165.00	170.10		Sqm	1	5.10	0.90	0.90	0.90		4.59	
170.10	180.00		Sqm	1	9.90	0.90	0.90	0.90		8.91	
180.00	195.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
195.00	210.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
210.00	225.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
225.00	240.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
240.00	241.60		Sqm	1	1.60	0.90	0.90	0.90		1.44	
		16th Main Road									
		From south to north									
		LHS									
0.00	15.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
15.00	30.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
30.00	45.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
45.00	60.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
60.00	75.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
75.00	90.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
90.00	105.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
105.00	120.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
120.00	[illegible]		Sqm	1	15.00	0.90	0.90	0.90		13.50	
135.00	150.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
150.00	165.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
165.00	180.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
180.00	195.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
195.00	210.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
210.00	225.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
225.00	229.60		Sqm	1	4.60	0.90	0.90	0.90		4.14	
		RHS									
0.00	15.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
15.00	30.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
30.00	45.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	
45.00	60.00		Sqm	1	15.00	0.90	0.90	0.90		13.50	

CIVIL DIV
Sig.....
Date.....
BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No.22		Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials,labhour, HOM of machineries complete as per specifications. and as per the directions of the Engineer-in-charge of the work									
Measurements taken on											
		Judicial Layout									
		4th Cross Road									
		From west to east									
0.00	15.00		Sqm	1	15.00	9.20	6.93	8.07		120.98	
15.00	30.00		Sqm	1	15.00	6.93	6.55	6.74		101.10	
30.00	45.00		Sqm	1	15.00	6.55	6.75	6.65		99.75	
45.00	60.00		Sqm	1	15.00	6.75	6.75	6.75		101.25	
60.00	75.00		Sqm	1	15.00	6.75	6.80	6.78		101.63	
75.00	90.00		Sqm	1	15.00	6.80	6.35	6.58		98.63	
90.00	105.00		Sqm	1	15.00	6.35	6.40	6.38		95.63	
105.00	120.00		Sqm	1	15.00	6.40	5.80	6.10		91.50	
120.00	135.00		Sqm	1	15.00	5.80	6.80	6.30		94.50	
135.00	150.00		Sqm	1	15.00	6.80	5.60	6.20		93.00	
150.00	152.20		Sqm	1	2.20	5.60	5.60	5.60		12.32	
152.20	165.00		Sqm	1	12.80	6.20	6.45	6.33		80.96	
165.00	180.00		Sqm	1	15.00	6.45	6.40	6.43		96.38	
180.00	195.00		Sqm	1	15.00	6.40	6.40	6.40		96.00	
195.00	210.00		Sqm	1	15.00	6.40	6.55	6.48		97.13	
210.00	225.00		Sqm	1	15.00	6.55	6.60	6.58		98.63	
225.00	240.00		Sqm	1	15.00	6.60	6.40	6.50		97.50	
240.00	255.00		Sqm	1	15.00	6.40	7.15	6.78		101.63	
255.00	270.00		Sqm	1	15.00	7.15	6.85	7.00		105.00	
270.00	283.70		Sqm	1	13.70	6.85	7.20	7.03		96.24	
283.70	288.40		Sqm	1	4.70	3.70	3.70	3.70		17.39	
		10th Main Road									
		From south to north									
0.00	15.00		Sqm	1	15.00	8.00	6.30	7.15		107.25	
15.00	30.00		Sqm	1	15.00	6.30	5.90	6.10		91.50	
30.00	45.00		Sqm	1	15.00	5.90	6.35	6.13		91.88	
45.00	60.00		Sqm	1	15.00	6.35	6.75	6.55		98.25	
60.00	70.40		Sqm	1	10.40	6.75	6.78	6.77		70.36	
70.40	78.10		Sqm	1	7.70	5.95	6.05	6.00		46.20	
78.10	90.00		Sqm	1	11.90	6.80	6.90	6.85		81.52	
90.00	105.00		Sqm	1	15.00	6.90	6.35	6.63		99.38	
105.00	120.00		Sqm	1	15.00	6.35	6.40	6.23		93.38	
120.00	135.00		Sqm	1	15.00	6.10	6.25	6.18		92.63	
135.00	139.30		Sqm	1	4.30	6.25	6.25	6.25		26.88	
139.30	150.00		Sqm	1	10.70	6.80	6.65	6.73		71.96	
150.00	165.00		Sqm	1	15.00	6.65	6.38	6.50		97.50	
165.00	170.10		Sqm	1	5.10	6.35	5.95	6.15		31.37	
170.10	180.00		Sqm	1	9.90	7.05	7.00	7.03		69.55	
180.00	195.00		Sqm	1	15.00	7.00	6.90	6.95		104.25	
195.00	210.00		Sqm	1	15.00	6.90	6.90	6.90		103.50	
210.00	225.00		Sqm	1	15.00	6.90	6.90	6.90		103.50	
225.00	240.00		Sqm	1	15.00	6.90	6.90	6.90		103.50	
240.00	241.60		Sqm	1	1.60	6.90	8.40	7.65		12.24	
		9th Cross Road									
		From west to east									
0.00	4.30		Sqm	1	4.30	8.60	6.05	7.33		31.50	
4.30	15.00		Sqm	1	10.70	6.05	5.60	5.83		62.33	
15.00	30.00		Sqm	1	15.00	5.60	5.55	5.58		83.63	

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CIVIL Pro Sig..... Date..... BANGALORE

Contractor

Assistant Engineer

Assistant Executive Engineer

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
105.00	120.00		Sqm	1	15.00	6.60	6.15	6.38		95.63	
120.00	135.00		Sqm	1	15.00	6.15	6.25	6.20		93.00	
135.00	150.00		Sqm	1	15.00	6.25	6.15	6.20		93.00	
150.00	165.00		Sqm	1	15.00	6.15	5.95	6.05		90.75	
165.00	180.00		Sqm	1	15.00	5.95	6.15	6.05		90.75	
180.00	195.00		Sqm	1	15.00	6.15	5.85	6.00		90.00	
195.00	210.00		Sqm	1	15.00	5.85	6.55	6.20		93.00	
210.00	225.00		Sqm	1	15.00	6.55	7.00	6.78		101.63	
225.00	240.00		Sqm	1	15.00	7.00	7.15	7.08		106.13	
240.00	255.00		Sqm	1	15.00	7.15	7.20	7.18		107.63	
255.00	270.00		Sqm	1	15.00	7.20	6.55	6.88		103.13	
270.00	285.00		Sqm	1	15.00	6.55	6.85	6.70		100.50	
285.00	300.00		Sqm	1	15.00	6.85	6.75	6.80		102.00	
300.00	315.00		Sqm	1	15.00	6.75	6.85	6.80		102.00	
315.00	330.00		Sqm	1	15.00	6.85	7.95	7.40		111.00	
330.00	345.00		Sqm	1	15.00	7.95	6.90	7.43		111.38	
345.00	360.00		Sqm	1	15.00	6.90	6.95	6.93		103.88	
360.00	375.00		Sqm	1	15.00	6.95	6.95	6.95		104.25	
375.00	390.00		Sqm	1	15.00	6.95	6.80	6.88		103.13	
390.00	405.00		Sqm	1	15.00	6.80	5.70	6.25		93.75	
									Total Executed Quantity	11937.15	
									Qty Carried to Summary	11937.15	

CIVIL Pro Sig..... Date..... BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		10th Main Road									
		From south to north									
		LHS									
0.00	15.00		Cum	1	15.00	1.00	1.00	1.00	0.05	0.75	
15.00	30.00		Cum	1	15.00	1.00	1.00	1.00	0.05	0.75	
30.00	45.00		Cum	1	15.00	1.00	1.00	1.00	0.05	0.75	
45.00	60.00		Cum	1	15.00	1.00	1.00	1.00	0.05	0.75	
60.00	70.40		Cum	1	10.40	1.00	1.00	1.00	0.05	0.52	
70.40	78.10		Cum	1	7.70	1.00	1.00	1.00	0.05	0.38	
78.10	90.00		Cum	1	11.90	1.00	1.00	1.00	0.05	0.60	
90.00	105.00		Cum	1	15.00	1.00	1.00	1.00	0.05	0.75	
105.00	120.00		Cum	1	15.00	1.00	1.00	1.00	0.05	0.75	
120.00	135.00		Cum	1	15.00	1.00	1.00	1.00	0.05	0.75	
135.00	139.30		Cum	1	4.30	1.00	1.00	1.00	0.05	0.22	
139.30	150.00		Cum	1	10.70	1.00	1.00	1.00	0.05	0.53	
150.00	165.00		Cum	1	15.00	1.00	1.00	1.00	0.05	0.75	
165.00	170.10		Cum	1	5.10	1.00	1.00	1.00	0.05	0.26	
170.10	180.00		Cum	1	9.90	1.00	1.00	1.00	0.05	0.50	
180.00	195.00		Cum	1	15.00	1.00	1.00	1.00	0.05	0.75	
195.00	210.00		Cum	1	15.00	1.00	1.00	1.00	0.05	0.75	
210.00	225.00		Cum	1	15.00	1.00	1.00	1.00	0.05	0.75	
225.00	240.00		Cum	1	15.00	1.00	1.00	1.00	0.05	0.75	
240.00	241.60		Cum	1	1.60	1.00	1.00	1.00	0.05	0.08	
		RHS									
0.00	15.00		Cum	1	15.00	1.00	1.00	1.00	0.05	0.75	
15.00	30.00		Cum	1	15.00	1.00	1.00	1.00	0.05	0.75	
30.00	45.00		Cum	1	15.00	1.00	1.00	1.00	0.05	0.75	
45.00	60.00		Cum	1	15.00	1.00	1.00	1.00	0.05	0.75	
60.00	70.40		Cum	1	10.40	1.00	1.00	1.00	0.05	0.52	
70.40	78.10		Cum	1	7.70	1.00	1.00	1.00	0.05	0.38	
78.10	90.00		Cum	1	11.90	1.00	1.00	1.00	0.05	0.60	
90.00	105.00		Cum	1	15.00	1.00	1.00	1.00	0.05	0.75	
105.00	120.00		Cum	1	15.00	1.00	1.00	1.00	0.05	0.75	
120.00	135.00		Cum	1	15.00	1.00	1.00	1.00	0.05	0.75	
135.00	139.30		Cum	1	4.30	1.00	1.00	1.00	0.05	0.75	
139.30	150.00		Cum	1	10.70	1.00	1.00	1.00	0.05	0.22	
150.00	165.00		Cum	1	15.00	1.00	1.00	1.00	0.05	0.53	
165.00	170.10		Cum	1	5.10	1.00	1.00	1.00	0.05	0.75	
170.10	180.00		Cum	1	9.90	1.00	1.00	1.00	0.05	0.26	
180.00	195.00		Cum	1	15.00	1.00	1.00	1.00	0.05	0.50	
195.00	210.00		Cum	1	15.00	1.00	1.00	1.00	0.05	0.75	
210.00	225.00		Cum	1	15.00	1.00	1.00	1.00	0.05	0.75	
225.00	240.00		Cum	1	15.00	1.00	1.00	1.00	0.05	0.75	
240.00	241.60		Cum	1	1.60	1.00	1.00	1.00	0.05	0.08	
		9th Cross Road									
		From west to east									
		LHS									
0.00	4.30		Cum	1	4.30	1.00	1.00	1.00	0.05	0.22	
4.30	15.00		Cum	1	10.70	1.00	1.00	1.00	0.05	0.54	
15.00	30.00		Cum	1	15.00	1.00	1.00	1.00	0.05	0.75	
30.00	45.00		Cum	1	15.00	1.00	1.00	1.00	0.05	0.75	
45.00	60.00		Cum	1	15.00	1.00	1.00	1.00	0.05	0.75	
60.00	75.00		Cum	1	15.00	1.00	1.00	1.00	0.05	0.75	
75.00	90.00		Cum	1	15.00	1.00	1.00	1.00	0.05	0.75	
90.00	105.00		Cum	1	15.00	1.00	1.00	1.00	0.05	0.75	
105.00	110.90		Cum	1	5.90	1.00	1.00	1.00	0.05	0.30	
110.90	120.00		Cum	1	9.10	1.00	1.00	1.00	0.05	0.46	

CIVIL Rgd. Sig..... Date..... BANGALORE

Contractor

Assistant Engineer

Assistant Executive Engineer

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
60.00	75.00		Cum	1	15.00	0.90	0.90	0.90	0.05	0.68	
75.00	90.00		Cum	1	15.00	0.90	0.90	0.90	0.05	0.68	
90.00	105.00		Cum	1	15.00	0.90	0.90	0.90	0.05	0.68	
105.00	120.00		Cum	1	15.00	0.90	0.90	0.90	0.05	0.68	
120.00	135.00		Cum	1	15.00	0.90	0.90	0.90	0.05	0.68	
135.00	150.00		Cum	1	15.00	0.90	0.90	0.90	0.05	0.68	
150.00	165.00		Cum	1	15.00	0.90	0.90	0.90	0.05	0.68	
165.00	180.00		Cum	1	15.00	0.90	0.90	0.90	0.05	0.68	
180.00	195.00		Cum	1	15.00	0.90	0.90	0.90	0.05	0.68	
195.00	210.00		Cum	1	15.00	0.90	0.90	0.90	0.05	0.68	
210.00	225.00		Cum	1	15.00	0.90	0.90	0.90	0.05	0.68	
225.00	229.60		Cum	1	4.60	0.90	0.90	0.90	0.05	0.21	
		RHS									
0.00	15.00		Cum	1	15.00	0.90	0.90	0.90	0.05	0.68	
15.00	30.00		Cum	1	15.00	0.90	0.90	0.90	0.05	0.68	
30.00	45.00		Cum	1	15.00	0.90	0.90	0.90	0.05	0.68	
45.00	60.00		Cum	1	15.00	0.90	0.90	0.90	0.05	0.68	
60.00	75.00		Cum	1	15.00	0.90	0.90	0.90	0.05	0.68	
75.00	90.00		Cum	1	15.00	0.90	0.90	0.90	0.05	0.68	
90.00	105.00		Cum	1	15.00	0.90	0.90	0.90	0.05	0.68	
105.00	120.00		Cum	1	15.00	0.90	0.90	0.90	0.05	0.68	
120.00	135.00		Cum	1	15.00	0.90	0.90	0.90	0.05	0.68	
135.00	150.00		Cum	1	15.00	0.90	0.90	0.90	0.05	0.68	
150.00	165.00		Cum	1	15.00	0.90	0.90	0.90	0.05	0.68	
165.00	180.00		Cum	1	15.00	0.90	0.90	0.90	0.05	0.68	
180.00	195.00		Cum	1	15.00	0.90	0.90	0.90	0.05	0.68	
195.00	210.00		Cum	1	15.00	0.90	0.90	0.90	0.05	0.68	
210.00	225.00		Cum	1	15.00	0.90	0.90	0.90	0.05	0.68	
225.00	229.60		Cum	1	4.60	0.90	0.90	0.90	0.05	0.21	
									Total Executed Quantity	416.24	
									Qty Carried to Summary	416.24	

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CIVIL Pro
Sig.....
Date.....
BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item No.24		Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications and as per the directions of the Engineer-in-charge of the work									
Measurements taken on											
		Judicial Layout									
		4th Cross Road									
		From west to east									
0.00	15.00		Sqm	1	15.00	9.20	6.95	8.07		120.88	
15.00	30.00		Sqm	1	15.00	6.93	6.55	6.74		101.10	
30.00	45.00		Sqm	1	15.00	6.55	6.75	6.65		99.75	
45.00	60.00		Sqm	1	15.00	6.75	6.75	6.75		101.25	
60.00	75.00		Sqm	1	15.00	6.75	6.80	6.78		101.63	
75.00	90.00		Sqm	1	15.00	6.80	6.35	6.58		98.63	
90.00	105.00		Sqm	1	15.00	6.35	6.40	6.38		95.63	
105.00	120.00		Sqm	1	15.00	6.40	5.80	6.10		91.50	
120.00	135.00		Sqm	1	15.00	5.80	6.80	6.30		94.50	
135.00	150.00		Sqm	1	15.00	6.80	5.60	6.20		93.00	
150.00	152.20		Sqm	1	2.20	5.60	5.60	5.60		12.32	
152.20	165.00		Sqm	1	12.80	6.20	6.45	6.33		80.96	
165.00	180.00		Sqm	1	15.00	6.45	6.40	6.43		96.38	
180.00	195.00		Sqm	1	15.00	6.40	6.40	6.40		96.00	
195.00	210.00		Sqm	1	15.00	6.40	6.55	6.48		97.13	
210.00	225.00		Sqm	1	15.00	6.55	6.60	6.58		98.63	
225.00	240.00		Sqm	1	15.00	6.60	6.40	6.50		97.50	
240.00	255.00		Sqm	1	15.00	6.40	7.15	6.78		101.63	
255.00	270.00		Sqm	1	15.00	7.15	6.85	7.00		105.00	
270.00	283.70		Sqm	1	13.70	6.85	7.20	7.03		96.24	
283.70	288.40		Sqm	1	4.70	3.70	3.70	3.70		17.39	
		10th Main Road									
		From south to north									
0.00	15.00		Sqm	1	15.00	8.00	6.30	7.15		107.25	
15.00	30.00		Sqm	1	15.00	6.30	5.90	6.10		91.50	
30.00	45.00		Sqm	1	15.00	5.90	6.35	6.13		91.88	
45.00	60.00		Sqm	1	15.00	6.35	6.75	6.55		98.25	
60.00	70.40		Sqm	1	10.40	6.75	6.78	6.77		70.36	
70.40	78.10		Sqm	1	7.70	5.95	6.05	6.00		46.20	
78.10	90.00		Sqm	1	11.90	6.80	6.90	6.85		81.52	
90.00	105.00		Sqm	1	15.00	6.90	6.35	6.63		99.38	
105.00	120.00		Sqm	1	15.00	6.35	6.40	6.23		93.38	
120.00	135.00		Sqm	1	15.00	6.10	6.25	6.18		92.63	
135.00	139.30		Sqm	1	4.30	6.25	6.25	6.25		26.88	
139.30	150.00		Sqm	1	10.70	6.80	6.65	6.73		71.96	
150.00	165.00		Sqm	1	15.00	6.65	6.35	6.50		97.50	
165.00	170.10		Sqm	1	5.10	6.35	5.95	6.15		31.37	
170.10	180.00		Sqm	1	9.90	7.05	7.00	7.03		69.55	
180.00	195.00		Sqm	1	15.00	7.00	6.90	6.95		104.25	
195.00	210.00		Sqm	1	15.00	6.90	6.90	6.90		103.50	
210.00	225.00		Sqm	1	15.00	6.90	6.90	6.90		103.50	
225.00	240.00		Sqm	1	15.00	6.90	6.90	6.90		103.50	
240.00	241.60		Sqm	1	1.60	6.90	8.40	7.65		12.24	
		9th Cross Road									
		From west to east									
0.00	4.30		Sqm	1	4.30	8.60	6.05	7.33		31.50	
4.30	15.00		Sqm	1	10.70	6.05	5.60	5.83		62.33	

CIVIL Pro Sig..... Date..... BANGALORE PMC

Contractor

Assistant Engineer

Assistant Executive Engineer

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
105.00	120.00		Sqm	1	15.00	6.60	6.15	6.38		95.63	
120.00	135.00		Sqm	1	15.00	6.15	6.25	6.20		93.00	
135.00	150.00		Sqm	1	15.00	6.25	6.15	6.20		93.00	
150.00	165.00		Sqm	1	15.00	6.15	5.95	6.05		90.75	
165.00	180.00		Sqm	1	15.00	5.95	6.15	6.05		90.75	
180.00	195.00		Sqm	1	15.00	6.15	5.85	6.00		90.00	
195.00	210.00		Sqm	1	15.00	5.85	6.55	6.20		93.00	
210.00	225.00		Sqm	1	15.00	6.55	7.00	6.78		101.63	
225.00	240.00		Sqm	1	15.00	7.00	7.15	7.08		106.13	
240.00	255.00		Sqm	1	15.00	7.15	7.20	7.18		107.63	
255.00	270.00		Sqm	1	15.00	7.20	6.55	6.88		103.13	
270.00	285.00		Sqm	1	15.00	6.55	6.85	6.70		100.50	
285.00	300.00		Sqm	1	15.00	6.85	6.75	6.80		102.00	
300.00	315.00		Sqm	1	15.00	6.75	6.85	6.80		102.00	
315.00	330.00		Sqm	1	15.00	6.85	7.95	7.40		111.00	
330.00	345.00		Sqm	1	15.00	7.95	6.90	7.43		111.38	
345.00	360.00		Sqm	1	15.00	6.90	6.95	6.93		103.88	
360.00	375.00		Sqm	1	15.00	6.95	6.95	6.95		104.25	
375.00	390.00		Sqm	1	15.00	6.95	6.80	6.88		103.13	
390.00	405.00		Sqm	1	15.00	6.80	5.70	6.25		93.75	
									Total Executed Quantity	11937.15	
									Qty Carried to Summary	11937.15	

CIVIL Pro Sig..... Date..... BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

NAME OF WORK : DEVELOPMENT OF FOOTPATH ON MAJOR SANDEEP UNNIKRISHNAN ROAD AND RESURFACING OF ROADS AT JUDICIAL LAYOUT IN WARD NO. 04 OF YELAHANKA DIVISION (PACKAGE – 10).

EMB

First and Final Bill

Measurement Sheet

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Development of Foothpath on Major Sandeep Unnikrishnan Road and Resurfacing of roads at Judicial layout in ward no 04 of yelahanka Division (Package -10)

MEASUREMENT SHEET
FIRST AND FINAL BILL

Measurements Taken On : 04/04/2022, 05/04/2022

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
Item No. 01		Removing and refixing stone slabs of drains and pointing in CM (1:3) and as per the directions of the Engineer-in-charge of the work										
Measurements taken on												
		Sandeep Unnikrishnan Road										
		Doddaballapura main road to fly over										
		LHS										
7.00	13.00		Sqm	1	6.00	1.05	1.05	1.05		6.30		
21.00	28.00		Sqm	1	7.00	1.05	1.05	1.05		7.35		
30.00	45.00	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
50.00	56.00		Sqm	1	6.00	1.05	1.05	1.05		6.30		
60.00	68.50	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
70.00	74.00		Sqm	1	4.00	1.05	1.05	1.05		4.20		
75.00	90.00	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
96.00	102.00		Sqm	1	6.00	1.05	1.05	1.05		6.30		
109.00	115.00		Sqm	1	6.00	1.05	1.05	1.05		6.30		
119.40	129.60	culvert	Sqm	1	0.00	1.05	1.05	1.05		0.00		
131.00	135.25		Sqm	1	4.25	1.05	1.05	1.05		4.46		
135.25	150.00	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
155.00	161.00		Sqm	1	6.00	1.05	1.05	1.05		6.30		
165.00	175.36	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
178.00	180.00		Sqm	1	2.00	1.05	1.05	1.05		2.10		
180.00	195.00	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
199.00	205.00		Sqm	1	6.00	1.05	1.05	1.05		6.30		
210.00	225.00	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
225.00	226.00		Sqm	1	1.00	1.05	1.05	1.05		1.05		
226.00	235.40	culvert	Sqm	1	0.00	1.05	1.05	1.05		0.00		
235.40	247.75	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
250.00	254.00		Sqm	1	4.00	1.05	1.05	1.05		4.20		
255.00	270.00	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
270.00	285.00	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
289.00	294.00		Sqm	1	5.00	1.05	1.05	1.05		5.25		
300.00	315.00	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
321.00	327.00		Sqm	1	6.00	1.05	1.05	1.05		6.30		
330.00	331.80		Sqm	1	1.80	1.05	1.05	1.05		1.89		
331.80	346.65	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
350.00	355.00		Sqm	1	5.00	1.05	1.05	1.05		5.25		
362.00	364.10		Sqm	1	2.10	1.05	1.05	1.05		2.21		
364.10	375.00	BS Slab	Sqm	1	10.90	1.05	1.05	1.05		11.45		
375.00	384.70	BS Slab	Sqm	1	9.70	1.05	1.05	1.05		10.19		
384.70	392.30		Sqm	1	0.00	1.05	1.05	1.05		0.00		
396.00	401.00		Sqm	1	5.00	1.05	1.05	1.05		5.25		
405.00	420.00	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
427.00	432.00		Sqm	1	5.00	1.05	1.05	1.05		5.25		
435.00	438.00		Sqm	1	3.00	1.05	1.05	1.05		3.15		
439.20	442.40	BS Slab	Sqm	1	3.20	1.05	1.05	1.05		3.36		
442.40	449.75	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
453.00	458.00		Sqm	1	5.00	1.05	1.05	1.05		5.25		
468.00	474.00		Sqm	1	6.00	1.05	1.05	1.05		6.30		
480.00	495.00	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
495.00	510.00	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
516.00	522.00		Sqm	1	6.00	1.05	1.05	1.05		6.30		
525.00	538.80	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
538.80	542.30		Sqm	1	3.50	1.05	1.05	1.05		3.68		
542.30	550.40	culvert	Sqm	1	0.00	1.05	1.05	1.05		0.00		

CIVIL Prof. Sig Date BANGALORE

Assistant Engineer

Assistant Executive Engineer

Contractor PMC

MEASUREMENT SHEET
FIRST AND FINAL BILL
Measurements Taken On :

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
550.40	555.00		Sqm	1	4.60	1.05	1.05	1.05		4.83		
562.00	568.00		Sqm	1	6.00	1.05	1.05	1.05		6.30		
570.00	582.60	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
584.00	588.20		Sqm	1	4.20	1.05	1.05	1.05		4.41		
588.20	598.60	culvert	Sqm	1	0.00	1.05	1.05	1.05		0.00		
598.60	600.00		Sqm	1	1.40	1.05	1.05	1.05		1.47		
609.00	615.00		Sqm	1	6.00	1.05	1.05	1.05		6.30		
615.00	630.00	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
635.00	641.00		Sqm	1	6.00	1.05	1.05	1.05		6.30		
645.00	656.87	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
658.00	662.10		Sqm	1	4.10	1.05	1.05	1.05		4.31		
662.10	664.72	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
670.00	675.00		Sqm	1	5.00	1.05	1.05	1.05		5.25		
675.00	680.00	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
680.00	701.10	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
701.10	713.80	BS Slab	Sqm	1	12.70	1.05	1.05	1.05		13.33		
713.80	722.10	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
727.00	732.00		Sqm	1	5.00	1.05	1.05	1.05		5.25		
735.00	750.00	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
754.00	761.00		Sqm	1	7.00	1.05	1.05	1.05		7.35		
766.00	768.50		Sqm	1	2.50	1.05	1.05	1.05		2.63		
768.50	772.60	BS Slab	Sqm	1	4.10	1.05	1.05	1.05		4.31		
772.60	783.00	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
788.00	791.00		Sqm	1	3.00	1.05	1.05	1.05		3.15		
795.00	812.15	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
812.15	815.00	BS Slab	Sqm	1	2.85	1.05	1.05	1.05		2.99		
815.00	824.00	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
824.00	825.00		Sqm	1	1.00	1.05	1.05	1.05		1.05		
831.00	837.30		Sqm	1	6.30	1.05	1.05	1.05		6.61		
									Total Executed Quantity	228.06		
									Modified Schedule-B Quantity	228.06		
									Now to be Paid Quantity	228.06	116.81	26640.00

Item No. 02 — Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications and as per the directions of the Engineer-in-charge of the

		Cum										
		Vide Total executed Quantity from premeasuremet Page no.								1108.44		
									Total Executed Quantity	1108.44		
									Tender Quantity	833.73		
									Quantity upto 125%	1042.16	700.96	730515.00
									Quantity above 125%	66.27	700.96	46456.00

Item No. 03 — Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications and as per the directions of the Engineer-in-charge of the work

		Cum										
		Vide Total executed Quantity from premeasuremet Page no.								1920.73		
									Total Executed Quantity	1920.73		
									Tender Quantity	1696.82		
									Quantity upto 125%	1920.73	225.94	433971.00

Item No. 04 — Providing and laying Plain cement concrete of mix1:3:6 with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days Including cost of materials labour, HOM curing form work, Scaffolding and Centering complete as per specifications and as per the directions of the Engineer-in-charge of the work

		Cum										
		Vide Total executed Quantity from premeasuremet Page no.								774.97		

CIVIL Pro Sig..... Date..... BANGALORE

Assistant Engineer

Assistant Executive Engineer

Contractor

PMC

MEASUREMENT SHEET
FIRST AND FINAL BILL

Measurements Taken On :

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
									Total Executed Quantity	774.97		
									Modified Schedule-B Quantity	774.97		
									Now to be Paid Quantity	774.97	5961.80	4620239.00
Item No. 05		Providing TMT Bars Fe 500 reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification and as per the directions of the Engineer-in-charge of the work										
			tonne									
		Vide Total executed Quantity from premeasuremet Page no.								30.87		
									Total Executed Quantity	30.87		
									Tender Quantity	20.40		
									Quantity upto 125%	25.50	84113.86	2144904.00
									Quantity above 125%	5.37	95080.59	510536.00
Item No. 06		Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery Curing Etc Complete and as per the directions of the										
Measurements taken on		06/05/2022, 07/05/2022, 10/05/2022, 11/01/2021, 12/05/22										
		Bottom Raft										
		Sandeep Unnikrishnan Road										
		From Flyover to Doddaballapura Road										
		RHS										
			Cum	1	14.85	1.05	1.05	1.05	0.15	2.34		
			Cum	1	12.35	1.05	1.05	1.05	0.15	1.95		
			Cum	1	8.50	1.05	1.05	1.05	0.15	1.34		
			Cum	1	10.36	1.05	1.05	1.05	0.15	1.63		
			Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
			Cum	1	9.60	1.05	1.05	1.05	0.15	1.51		
			Cum	1	5.60	1.05	1.05	1.05	0.15	0.88		
			Cum	1	13.95	1.05	1.05	1.05	0.15	2.20		
			Cum	1	3.00	1.05	1.05	1.05	0.15	0.47		
			Cum	1	14.20	1.05	1.05	1.05	0.15	2.24		
			Cum	1	12.80	1.05	1.05	1.05	0.15	2.02		
			Cum	1	8.60	1.05	1.05	1.05	0.15	1.35		
			Cum	1	14.52	1.05	1.05	1.05	0.15	2.29		
			Cum	1	7.65	1.05	1.05	1.05	0.15	1.20		
			Cum	1	12.60	1.05	1.05	1.05	0.15	1.98		
			Cum	1	10.75	1.05	1.05	1.05	0.15	1.69		
			Cum	1	13.80	1.05	1.05	1.05	0.15	2.17		
			Cum	1	11.87	1.05	1.05	1.05	0.15	1.87		
			Cum	1	5.65	1.05	1.05	1.05	0.15	0.89		
			Cum	1	7.35	1.05	1.05	1.05	0.15	1.16		
			Cum	1	8.30	1.05	1.05	1.05	0.15	1.31		
			Cum	1	12.60	1.05	1.05	1.05	0.15	1.98		
			Cum	1	4.50	1.05	1.05	1.05	0.15	0.71		
			Cum	1	15.00	1.05	1.05	1.05	0.15	2.36		
			Cum	1	8.95	1.05	1.05	1.05	0.15	1.41		
			Cum	1	12.30	1.05	1.05	1.05	0.15	1.93		
			Cum	1	5.45	1.05	1.05	1.05	0.15	0.86		
			Cum	1	6.00	1.05	1.05	1.05	0.15	0.95		
			Cum	1	12.00	1.05	1.05	1.05	0.15	1.89		
			Cum	1	10.00	1.05	1.05	1.05	0.15	1.58		
			Cum	1	8.00	1.05	1.05	1.05	0.15	1.26		
			Cum	1	10.50	1.05	1.05	1.05	0.15	1.65		
			Cum	1	16.00	1.05	1.05	1.05	0.15	2.52		
			Cum	1	7.50	1.05	1.05	1.05	0.15	1.18		

CIVIL Pro Sign Date BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

MEASUREMENT SHEET
FIRST AND FINAL BILL
Measurements Taken On :

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
			Cum	1	9.90	1.05	1.05	1.05	0.15	1.56		
		2nd B Cross Road										
		RHS										
		From South to South										
0.00	15.00		Cum	1	15.00	1.20	1.20	1.20	0.15	2.70		
15.00	30.00		Cum	1	15.00	1.20	1.20	1.20	0.15	2.70		
30.00	45.00		Cum	1	15.00	1.20	1.20	1.20	0.15	2.70		
45.00	60.00		Cum	1	15.00	1.20	1.20	1.20	0.15	2.70		
60.00	75.00		Cum	1	15.00	1.20	1.20	1.20	0.15	2.70		
75.00	90.00		Cum	1	15.00	1.20	1.20	1.20	0.15	2.70		
90.00	105.00		Cum	1	15.00	1.20	1.20	1.20	0.15	2.70		
105.00	120.00		Cum	1	15.00	1.20	1.20	1.20	0.15	2.70		
120.00	135.00		Cum	1	15.00	1.20	1.20	1.20	0.15	2.70		
135.00	150.00		Cum	1	15.00	1.20	1.20	1.20	0.15	2.70		
150.00	165.00		Cum	1	15.00	1.20	1.20	1.20	0.15	2.70		
165.00	180.00		Cum	1	15.00	1.20	1.20	1.20	0.15	2.70		
180.00	195.00		Cum	1	15.00	1.20	1.20	1.20	0.15	2.70		
195.00	210.00		Cum	1	15.00	1.20	1.20	1.20	0.15	2.70		
210.00	223.30		Cum	1	13.30	1.20	1.20	1.20	0.15	2.39		
		LHS										
		From South to South										
0.00	12.10		Cum	1	12.10	1.20	1.20	1.20	0.15	2.18		
12.10	17.20	Culvert	Cum	1	0.00	1.20	1.20	1.20	0.15	0.00		
17.20	29.40		Cum	1	12.20	1.20	1.20	1.20	0.15	2.20		
29.40	34.50	Culvert	Cum	1	0.00	1.20	1.20	1.20	0.15	0.00		
34.50	45.00		Cum	1	10.50	1.20	1.20	1.20	0.15	1.89		
45.00	54.30		Cum	1	9.30	1.20	1.20	1.20	0.15	1.67		
54.30	58.30	Culvert	Cum	1	0.00	1.20	1.20	1.20	0.15	0.00		
58.30	70.00		Cum	1	11.70	1.20	1.20	1.20	0.15	2.11		
70.00	85.00		Cum	1	15.00	1.20	1.20	1.20	0.15	2.70		
85.00	100.00		Cum	1	15.00	1.20	1.20	1.20	0.15	2.70		
100.00	115.00		Cum	1	15.00	1.20	1.20	1.20	0.15	2.70		
115.00	130.00		Cum	1	15.00	1.20	1.20	1.20	0.15	2.70		
130.00	142.20		Cum	1	12.20	1.20	1.20	1.20	0.15	2.20		
142.20	146.00	Culvert	Cum	1	0.00	1.20	1.20	1.20	0.15	0.00		
146.00	160.00		Cum	1	14.00	1.20	1.20	1.20	0.15	2.52		
160.00	175.00		Cum	1	15.00	1.20	1.20	1.20	0.15	2.70		
175.00	190.00		Cum	1	15.00	1.20	1.20	1.20	0.15	2.70		
190.00	205.00		Cum	1	15.00	1.20	1.20	1.20	0.15	2.70		
205.00	220.00		Cum	1	15.00	1.20	1.20	1.20	0.15	2.70		
220.00	225.50		Cum	1	5.50	1.20	1.20	1.20	0.15	0.99		
		2ndA Cross Road										
		LHS										
		From North to South										
0.00	2.20		Cum	1	2.20	0.90	0.90	0.90	0.15	0.30		
2.20	9.00	Road Break	Cum	1	0.00	0.90	0.90	0.90	0.15	0.00		
9.00	20.20		Cum	1	11.20	0.90	0.90	0.90	0.15	1.51		
20.20	31.00		Cum	1	10.80	0.90	0.90	0.90	0.15	1.46		
31.00	36.00	Road Break	Cum	1	0.00	0.90	0.90	0.90	0.15	0.00		
36.00	50.00		Cum	1	14.00	0.90	0.90	0.90	0.15	1.89		
50.00	65.00		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03		
65.00	80.00		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03		
80.00	95.00		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03		
95.00	110.00		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03		
110.00	125.00		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03		
125.00	140.00		Cum	1	15.00	0.90	0.90	0.90	0.15	2.03		
140.00	155.00											

CIVILPro Sig..... Date..... BANGALORE

Contractor

Assistant Engineer

Assistant Executive Engineer

MEASUREMENT SHEET
FIRST AND FINAL BILL
Measurements Taken On :

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
170.00	185.00		Cum	2	15.00	0.15	0.15	0.15	0.75	3.38		
185.00	187.00		Cum	2	2.00	0.15	0.15	0.15	0.75	0.45		
		RHS										
		From North to South										
0.00	15.00		Cum	2	15.00	0.15	0.15	0.15	0.75	3.38		
15.00	30.00		Cum	2	15.00	0.15	0.15	0.15	0.75	3.38		
30.00	45.00		Cum	2	15.00	0.15	0.15	0.15	0.75	3.38		
45.00	60.00		Cum	2	15.00	0.15	0.15	0.15	0.75	3.38		
60.00	75.00		Cum	2	15.00	0.15	0.15	0.15	0.75	3.38		
75.00	90.00		Cum	2	15.00	0.15	0.15	0.15	0.75	3.38		
90.00	105.00		Cum	2	15.00	0.15	0.15	0.15	0.75	3.38		
105.00	120.00		Cum	2	15.00	0.15	0.15	0.15	0.75	3.38		
120.00	135.00		Cum	2	15.00	0.15	0.15	0.15	0.75	3.38		
135.00	150.00		Cum	2	15.00	0.15	0.15	0.15	0.75	3.38		
150.00	165.00		Cum	2	15.00	0.15	0.15	0.15	0.75	3.38		
165.00	180.00		Cum	2	15.00	0.15	0.15	0.15	0.75	3.38		
180.00	190.20		Cum	2	10.20	0.15	0.15	0.15	0.75	2.30		
								Sub Total		459.92		
		Culvert										
		Bottom raft										
		2nd B Cross Road										
			Cum	1	3.80	1.20	1.20	1.20	0.20	0.91		
			Cum	1	4.00	1.20	1.20	1.20	0.20	0.96		
			Cum	1	5.10	1.20	1.20	1.20	0.20	1.22		
			Cum	1	5.10	1.20	1.20	1.20	0.20	1.22		
		Side Wall										
		2nd B Cross Road										
			Cum	2	3.80	0.23	0.23	0.23	0.75	1.31		
			Cum	2	4.00	0.23	0.23	0.23	0.75	1.38		
			Cum	2	5.10	0.23	0.23	0.23	0.75	1.76		
			Cum	2	5.10	0.23	0.23	0.23	0.75	1.76		
								Sub Total		10.53		
		Total Executed Quantity								470.45		
		Tender Quantity								330.19		
		Quantity upto 125%								412.74	7790.43	3215403.00
		Quantity above 125%								57.71	8112.29	468165.00

Item No.07	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting including form work,curing,including cost of alll materials, labour,hire charges of machinery loading,unloading,lead and lift,transportation etc and as per the directions of the Engineer-in-charge of the work
Measurements taken on	

		Sandeep Unnikrishnan Road										
		Doddaballapura main road to fly over										
		RHS										
0.00	7.00		Sqm	1	7.00	1.05	1.05	1.05		7.35		
13.00	21.00		Sqm	1	8.00	1.05	1.05	1.05		8.40		
28.00	30.00		Sqm	1	2.00	1.05	1.05	1.05		2.10		
30.00	45.00	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
45.00	50.00		Sqm	1	5.00	1.05	1.05	1.05		5.25		
56.00	60.00		Sqm	1	4.00	1.05	1.05	1.05		4.20		
60.00	68.50	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
68.50	70.00		Sqm	1	1.50	1.05	1.05	1.05		1.58		
74.00	75.00		Sqm	1	1.00	1.05	1.05	1.05		1.05		
75.00	90.00	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
90.00	96.00		Sqm	1	6.00	1.05	1.05	1.05		6.30		

CIVIL EXE Sig Date BANGALORE PMC

25/6/2022

Contractor

Assistant Engineer

Assistant Executive Engineer

MEASUREMENT SHEET
FIRST AND FINAL BILL
Measurements Taken On :

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
102.00	109.00		Sqm	1	7.00	1.05	1.05	1.05		7.35		
115.00	119.40		Sqm	1	4.40	1.05	1.05	1.05		4.62		
119.40	129.60	culvert	Sqm	1	0.00	1.05	1.05	1.05		0.00		
129.60	131.00		Sqm	1	1.40	1.05	1.05	1.05		1.47		
135.25	150.00	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
150.00	155.00		Sqm	1	5.00	1.05	1.05	1.05		5.25		
161.00	165.00		Sqm	1	4.00	1.05	1.05	1.05		4.20		
165.00	175.36	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
175.36	178.00		Sqm	1	2.64	1.05	1.05	1.05		2.77		
180.00	195.00	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
195.00	199.00		Sqm	1	4.00	1.05	1.05	1.05		4.20		
205.00	210.00		Sqm	1	5.00	1.05	1.05	1.05		5.25		
210.00	225.00	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
226.00	235.40	culvert	Sqm	1	0.00	1.05	1.05	1.05		0.00		
235.40	247.75	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
247.75	250.00		Sqm	1	2.25	1.05	1.05	1.05		2.36		
254.00	255.00		Sqm	1	1.00	1.05	1.05	1.05		1.05		
255.00	270.00	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
270.00	285.00	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
285.00	289.00		Sqm	1	4.00	1.05	1.05	1.05		4.20		
294.00	300.00		Sqm	1	6.00	1.05	1.05	1.05		6.30		
300.00	315.00	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
315.00	321.00		Sqm	1	6.00	1.05	1.05	1.05		6.30		
327.00	330.00		Sqm	1	3.00	1.05	1.05	1.05		3.15		
331.80	346.65	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
346.65	350.00		Sqm	1	3.35	1.05	1.05	1.05		3.52		
355.00	362.00		Sqm	1	7.00	1.05	1.05	1.05		7.35		
364.10	375.00	BS Slab	Sqm	1	0.00	1.05	1.05	1.05		0.00		
375.00	384.70	BS Slab	Sqm	1	0.00	1.05	1.05	1.05		0.00		
384.70	392.30	culvert	Sqm	1	0.00	1.05	1.05	1.05		0.00		
392.30	396.00		Sqm	1	3.70	1.05	1.05	1.05		3.88		
401.00	405.00		Sqm	1	4.00	1.05	1.05	1.05		4.20		
405.00	420.00	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
420.00	427.00		Sqm	1	7.00	1.05	1.05	1.05		7.35		
432.00	435.00		Sqm	1	3.00	1.05	1.05	1.05		3.15		
438.00	439.20		Sqm	1	1.20	1.05	1.05	1.05		1.26		
439.20	442.40	BS Slab	Sqm	1	0.00	1.05	1.05	1.05		0.00		
442.40	449.75	wall	Sqm	1	0.00	1.05	1.05	1.05		0.00		
449.75	453.00		Sqm	1	3.25	1.05	1.05	1.05		3.41		
458.00	468.00		Sqm	1	10.00	1.05	1.05	1.05		10.50		
474.00	480.00		Sqm	1	6.00	1.05	1.05	1.05		6.30		
480.00	495.00	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
495.00	510.00	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
510.00	516.00		Sqm	1	6.00	1.05	1.05	1.05		6.30		
522.00	525.00		Sqm	1	3.00	1.05	1.05	1.05		3.15		
525.00	538.80	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
542.30	550.40	culvert	Sqm	1	0.00	1.05	1.05	1.05		0.00		
555.00	562.00		Sqm	1	7.00	1.05	1.05	1.05		7.35		
568.00	570.00		Sqm	1	2.00	1.05	1.05	1.05		2.10		
570.00	582.60	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
582.60	584.00		Sqm	1	1.40	1.05	1.05	1.05		1.47		
588.20	598.60	culvert	Sqm	1	0.00	1.05	1.05	1.05		0.00		
600.00	609.00		Sqm	1	9.00	1.05	1.05	1.05		9.45		
615.00	630.00	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
630.00	635.00		Sqm	1	5.00	1.05	1.05	1.05		5.25		
641.00	645.00		Sqm	1	4.00	1.05	1.05	1.05		4.20		
645.00	656.87	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
656.87	658.00		Sqm	1	1.13	1.05	1.05	1.05		1.19		
662.10	664.72	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
664.72	670.00		Sqm	1	5.28	1.05	1.05	1.05		5.54		

CIVIL Reg. Sign Date BANGALORE

Contractor

PMC

Assistant Engineer

Assistant Executive Engineer

MEASUREMENT SHEET
FIRST AND FINAL BILL
Measurements Taken On :

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
675.00	680.00	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
680.00	701.10	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
701.10	713.80	BS Slab	Sqm	1	0.00	1.05	1.05	1.05		0.00		
713.80	722.10	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
722.10	727.00		Sqm	1	4.90	1.05	1.05	1.05		5.14		
732.00	735.00		Sqm	1	3.00	1.05	1.05	1.05		3.15		
735.00	750.00	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
750.00	754.00		Sqm	1	4.00	1.05	1.05	1.05		4.20		
761.00	766.00		Sqm	1	5.00	1.05	1.05	1.05		5.25		
768.50	772.60	BS Slab	Sqm	1	0.00	1.05	1.05	1.05		0.00		
772.60	783.00	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
783.00	788.00		Sqm	1	5.00	1.05	1.05	1.05		5.25		
791.00	795.00		Sqm	1	4.00	1.05	1.05	1.05		4.20		
795.00	812.15	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
812.15	815.00	BS Slab	Sqm	1	0.00	1.05	1.05	1.05		0.00		
815.00	824.00	no work	Sqm	1	0.00	1.05	1.05	1.05		0.00		
825.00	831.00		Sqm	1	6.00	1.05	1.05	1.05		6.30		
837.30	840.00		Sqm	1	2.70	1.05	1.05	1.05		2.84		
		Sandeep Unnikrishnan Road From Flyover to Doddaballapura Road RHS										
			Sqm	1	14.85	1.05	1.05	1.05		15.59		
			Sqm	1	12.35	1.05	1.05	1.05		12.97		
			Sqm	1	8.50	1.05	1.05	1.05		8.93		
			Sqm	1	10.36	1.05	1.05	1.05		10.88		
			Sqm	1	15.00	1.05	1.05	1.05		15.75		
			Sqm	1	9.60	1.05	1.05	1.05		10.08		
			Sqm	1	5.60	1.05	1.05	1.05		5.88		
			Sqm	1	13.95	1.05	1.05	1.05		14.65		
			Sqm	1	3.00	1.05	1.05	1.05		3.15		
			Sqm	1	14.20	1.05	1.05	1.05		14.91		
			Sqm	1	12.80	1.05	1.05	1.05		13.44		
			Sqm	1	8.60	1.05	1.05	1.05		9.03		
			Sqm	1	14.52	1.05	1.05	1.05		15.25		
			Sqm	1	7.65	1.05	1.05	1.05		8.03		
			Sqm	1	12.60	1.05	1.05	1.05		13.23		
			Sqm	1	10.75	1.05	1.05	1.05		11.29		
			Sqm	1	13.80	1.05	1.05	1.05		14.49		
			Sqm	1	11.87	1.05	1.05	1.05		12.46		
			Sqm	1	5.65	1.05	1.05	1.05		5.93		
			Sqm	1	7.35	1.05	1.05	1.05		7.72		
			Sqm	1	8.30	1.05	1.05	1.05		8.72		
			Sqm	1	12.60	1.05	1.05	1.05		13.23		
			Sqm	1	4.50	1.05	1.05	1.05		4.73		
			Sqm	1	15.00	1.05	1.05	1.05		15.75		
			Sqm	1	8.96	1.05	1.05	1.05		9.40		
			Sqm	1	12.30	1.05	1.05	1.05		12.92		
			Sqm	1	5.45	1.05	1.05	1.05		5.72		
			Sqm	1	6.00	1.05	1.05	1.05		6.30		
			Sqm	1	12.00	1.05	1.05	1.05		12.60		
			Sqm	1	10.00	1.05	1.05	1.05		10.50		
			Sqm	1	8.00	1.05	1.05	1.05		8.40		
			Sqm	1	10.50	1.05	1.05	1.05		11.03		
			Sqm	1	16.00	1.05	1.05	1.05		16.80		
			Sqm	1	7.50	1.05	1.05	1.05		7.88		
			Sqm	1	9.90	1.05	1.05	1.05		10.40		

CIVIL PSD
Sign
Date
BANGALORE

Assistant Engineer

Assistant Executive Engineer

Contractor

PMC

MEASUREMENT SHEET
FIRST AND FINAL BILL
Measurements Taken On :

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
		Shoulder Drain 3	Sqm	1	1.50	0.75	0.75	0.75		1.13		
		Shoulder Drain 4	Sqm	1	1.50	0.75	0.75	0.75		1.13		
		Shoulder Drain 5	Sqm	1	0.70	0.75	0.75	0.75		0.53		
		Shoulder Drain 6	Sqm	1	0.70	0.75	0.75	0.75		0.53		
									Total Executed Quantity	2188.07		
									Modified Schedule-B Quantity	2188.07		
									Now to be Paid Quantity	2188.07	2452.68	5366624.00
Item No.08		Providing two line dressing to granite stone slab / granite stone masonry as per specifications and as per the directions of the Engineer-in-charge of the work										
Measurements taken on		24/05/2022										
		Sandeep Unnikrishnan Road										
		Doddaballapura main road to fly over										
		From East to West										
		RHS										
0.00	364.10	no work	Sqm	2	0.00	1.05	1.05	1.05		0.00		
364.10	375.00		Sqm	2	10.90	1.05	1.05	1.05		22.89		
375.00	384.70		Sqm	2	9.70	1.05	1.05	1.05		20.37		
384.70	439.20	no work	Sqm	2	0.00	1.05	1.05	1.05		0.00		
439.20	442.40		Sqm	2	3.20	1.05	1.05	1.05		6.72		
442.40	701.10	no work	Sqm	2	0.00	1.05	1.05	1.05		0.00		
701.10	713.80		Sqm	2	12.70	1.05	1.05	1.05		26.67		
713.80	768.50	no work	Sqm	2	0.00	1.05	1.05	1.05		0.00		
768.50	772.60		Sqm	2	4.10	1.05	1.05	1.05		8.61		
772.60	812.15	no work	Sqm	2	0.00	1.05	1.05	1.05		0.00		
812.15	815.00		Sqm	2	2.85	1.05	1.05	1.05		5.99		
		Judical Layout										
		22nd Cross Road										
		LHS										
		(West to East)										
0.00	39.30	CC Slab	Sqm	2	0.00	0.90	0.90	0.90		0.00		
39.30	51.80		Sqm	2	12.50	0.90	0.90	0.90		22.50		
51.80	75.80	CC Slab	Sqm	2	0.00	0.90	0.90	0.90		0.00		
75.80	88.10		Sqm	2	12.30	0.90	0.90	0.90		22.14		
88.10	112.40	CC Slab	Sqm	2	0.00	0.90	0.90	0.90		0.00		
112.40	115.90		Sqm	2	3.50	0.90	0.90	0.90		6.30		
115.90	137.20	No Work	Sqm	2	0.00	0.90	0.90	0.90		0.00		
137.20	140.10		Sqm	2	2.90	0.90	0.90	0.90		5.22		
140.10	146.20	CC Slab	Sqm	2	0.00	0.90	0.90	0.90		0.00		
146.20	149.30		Sqm	2	3.10	0.90	0.90	0.90		5.58		
149.30	547.30	No Work	Sqm	2	0.00	0.90	0.90	0.90		0.00		
		RHS										
		(From West to East)										
0.00	102.50	No Work	Sqm	2	0.00	0.90	0.90	0.90		0.00		
102.50	104.40		Sqm	2	1.90	0.90	0.90	0.90		3.42		
104.40	111.90	CC Slab	Sqm	2	0.00	0.90	0.90	0.90		0.00		
111.90	113.70		Sqm	2	1.80	0.90	0.90	0.90		3.24		
113.70	186.80	CC Slab	Sqm	2	0.00	0.90	0.90	0.90		0.00		
									Total Executed Quantity	159.65		
									Modified Schedule-B Quantity	159.65		
									Now to be Paid Quantity	159.65	1663.14	265512.00
Item No.09		Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 250mm thick and Finishing cutting including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,and as per the directions of the Engineer-in-charge of the work										

CIVIL Pro Sig..... Date..... BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer

ntractor

MEASUREMENT SHEET
FIRST AND FINAL BILL
Measurements Taken On :

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
Measurements taken on												
		2nd B Cross Road										
			Sqm	1	3.80	1.20	1.20	1.20		4.56		
			Sqm	1	4.00	1.20	1.20	1.20		4.80		
			Sqm	1	5.10	1.20	1.20	1.20		6.12		
									Total Executed Quantity	15.48		
									Modified Schedule-B Quantity	15.48		
Item No.10		Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications and as per the directions of the Engineer-in-charge of the work							Now to be Paid Quantity	15.48	5686.19	88023.00
			Cum									
		Vide Total executed Quantity from premeasuremet Page no.								194.06		
									Total Executed Quantity	194.06		
									Modified Schedule-B Quantity	194.06		
Item No. 11		Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc ,complete as per specifications and as per the directions of the Engineer-in-charge of the work							Now to be Paid Quantity	194.06	6328.01	1227985.00
Measurements taken on												
		Sandeep Unnikrishnan Road										
		From Flyover to Doddaballapura Road										
		From West to East										
		RHS										
0.00	15.00		m	1	15.00					15.00		
15.00	30.00		m	1	15.00					15.00		
30.00	33.20		m	1	3.20					3.20		
33.20	34.00	Shoulder Drain	m	1	0.00					0.00		
34.00	45.00		m	1	11.00					11.00		
45.00	60.00		m	1	15.00					15.00		
60.00	63.10		m	1	3.10					3.10		
63.10	64.00	Shoulder Drain	m	1	0.00					0.00		
64.00	75.00		m	1	11.00					11.00		
75.00	90.00		m	1	15.00					15.00		
90.00	105.00		m	1	15.00					15.00		
105.00	106.40		m	1	1.40					1.40		
106.40	107.20	Shoulder Drain	m	1	0.00					0.00		
107.20	120.00		m	1	12.80					12.80		
120.00	135.00		m	1	15.00					15.00		
135.00	150.00		m	1	15.00					15.00		
150.00	153.60		m	1	3.60					3.60		
153.60	154.40	Shoulder Drain	m	1	0.00					0.00		
154.40	165.00		m	1	10.60					10.60		
165.00	180.00		m	1	15.00					15.00		
180.00	195.00		m	1	15.00					15.00		
195.00	204.60		m	1	9.60					9.60		
204.60	205.40	Shoulder Drain	m	1	0.00					0.00		
205.40	215.00		m	1	9.60					9.60		
215.00	225.50		m	1	10.50					10.50		
225.50	236.10	Road Break	m	1	0.00					0.00		
236.10	245.00		m	1	8.90					8.90		
245.00	251.30		m	1	6.30					6.30		
251.30	252.10	Shoulder Drain	m	1	0.00					0.00		

CIVIL Rd. Date..... BANGALORE

Assistant Engineer

Assistant Executive Engineer

Contractor

PMC

MEASUREMENT SHEET
FIRST AND FINAL BILL
Measurements Taken On :

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
0.00	15.00		m	1	15.00					15.00		
15.00	21.90		m	1	6.90					6.90		
21.90	24.90	No Work	m	1	0.00					0.00		
24.90	28.50		m	1	3.60					3.60		
28.50	30.20	No Work	m	1	0.00					0.00		
30.20	42.20		m	1	12.00					12.00		
42.20	45.20	No Work	m	1	0.00					0.00		
45.20	49.30		m	1	4.10					4.10		
49.30	52.90	No Work	m	1	0.00					0.00		
52.90	66.80		m	1	13.90					13.90		
66.80	69.40	No Work	m	1	0.00					0.00		
69.40	84.40		m	1	15.00					15.00		
84.40	88.40		m	1	4.00					4.00		
88.40	91.20	No Work	m	1	0.00					0.00		
91.20	106.20		m	1	15.00					15.00		
106.20	109.90	No Work	m	1	0.00					0.00		
109.90	124.90		m	1	15.00					15.00		
124.90	126.60		m	1	1.70					1.70		
124.90	129.50	No Work	m	1	0.00					0.00		
129.50	144.50		m	1	15.00					15.00		
144.50	146.60		m	1	2.10					2.10		
146.60	149.20	No Work	m	1	0.00					0.00		
149.20	164.20		m	1	15.00					15.00		
164.20	171.10	No Work	m	1	0.00					0.00		
171.10	186.60		m	1	15.50					15.50		
186.60	190.20	No Work	m	1	0.00					0.00		
190.20	199.50		m	1	9.30					9.30		
199.50	203.50	No Work	m	1	0.00					0.00		
203.50	217.60		m	1	14.10					14.10		
217.60	220.80	No Work	m	1	0.00					0.00		
220.80	233.00		m	1	12.20					12.20		
233.00	235.90	No Work	m	1	0.00					0.00		
235.90	250.90		m	1	15.00					15.00		
250.90	265.90		m	1	15.00					15.00		
265.90	280.90		m	1	15.00					15.00		
280.90	295.90		m	1	15.00					15.00		
295.90	310.90		m	1	15.00					15.00		
310.90	325.90		m	1	15.00					15.00		
325.90	340.90		m	1	15.00					15.00		
340.90	351.00		m	1	10.10					10.10		
								Sub Toatal		4564.90		
		Number of Kerb	Nos	length/0.45						10145.00		
									Total Executed Quantity	10145.00		
									Modified Schedule-B Quantity	10145.00		
									Now to be Paid Quantity	10145.00	453.89	4604715.00
Item No. 12		Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications and as per the directions of the Engineer-in-charge of the work										
Measurements taken on		20/07/2022, 21/07/2022										
		Sandeep Unnikrishnan Road										
		From Flyover to Doddaballapura Road										
		From West to East										
		RHS										
0.00	15.00		Sqm	1	15.00				0.30	4.50		
15.00	30.00		Sqm	1	15.00				0.30	4.50		
30.00	33.20		Sqm	1	3.20				0.30	0.96		
33.20	34.00	Shoulder Drain	Sqm	1	0.00				0.30	0.00		

CIVIL Pro Sig..... Date..... BANGALORE

Assistant Engineer

Assistant Executive Engineer

Contractor PMC

MEASUREMENT SHEET
FIRST AND FINAL BILL
Measurements Taken On :

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
10.90	325.90		Sqm	1	15.00				0.30	4.50		
25.90	340.90		Sqm	1	15.00				0.30	4.50		
40.90	351.00		Sqm	1	10.10				0.30	3.03		
									Total Executed Quantity	1280.15		
									Tender Quantity	636.18		
									Quantity upto 125%	795.23	89.00	70776.00
									Quantity above 125%	484.92	89.00	43158.00
Item No.13		Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not less than 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) 2005 and constructed with CM 1:4 , as per IS 2572 2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Cum									
		Vide Total executed Quantity from premeasuremet Page no.								241.01		
									Total Executed Quantity	241.01		
									Modified Schedule-B Quantity	241.01		
									Now to be Paid Quantity	241.01	1027.92	247737.00
Item No.15		Supply fabrication painting and Fixing of Pre-Cast Bollards for Footpath and Property edge/Medians etc and anyother items as specified in drawings and as per the directions of the Engineer-in-charge of the work										
Measurements taken on		29/06/2022										
		Sandeep Unnikrishnan Road From Fly Over to Doddaballapura main road										
			Each	777						777.00		
									Total Executed Quantity	777.00		
									Modified Schedule-B Quantity	777.00		
									Now to be Paid Quantity	777.00	1301.38	1011173.00
Item No.16		Executive Bench-made Out of sadarahalli grey Stone with hand Supports with 3line Finishing with Arch design with 100mm slabs height 90x length 1500 width 45cms and as per the directions of the Engineer-in-charge of the work										
Measurements taken on		09/06/2022										
			Each	30						30.00		
									Total Executed Quantity	30.00		
									Modified Schedule-B Quantity	30.00		
									Now to be Paid Quantity	30.00	19100.90	573027.00
Item No.18		Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location and complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Cum									
		Vide Total executed Quantity from premeasuremet Page no.								2309.60		
									Total Executed Quantity	2309.60		
									Tender Quantity	1124.10		
									Quantity upto 125%	1405.13	67.11	94298.00
									Quantity above 125%	904.47	67.11	60700.00
Item No.19		Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Cum									
		Vide Total executed Quantity from premeasuremet Page no.								972.55		
									Total Executed Quantity	972.55		
									Tender Quantity	578.11		
									Quantity upto 125%	722.64	2093.67	1512965.00
									Quantity above 125%	249.92	2093.67	523244.00

CIVIL Pro Sig Date BANGALORE

Assistant Engineer

Executive Engineer

PMC

Contractor

MEASUREMENT SHEET
FIRST AND FINAL BILL
Measurements Taken On :

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
Item No.20		Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Cum									
		Vide Total executed Quantity from premeasuremet Page no.								1337.04		
		Total Executed Quantity								1337.04		
		Tender Quantity								722.63		
		Quantity upto 125%								903.29	2100.34	1897211.00
		Quantity above 125%								433.76	2100.34	911036.00
Item No.21		Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Sqm									
		Vide Total executed Quantity from premeasuremet Page no.								8324.73		
		Total Executed Quantity								8324.73		
		Tender Quantity								3211.70		
		Quantity upto 125%								4014.63	35.60	142921.00
		Quantity above 125%								4310.10	45.61	196590.00
Item No 22		Cleaning the existing black topped surface with brooms soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials labhour, HOM of machineries complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Sqm									
		Vide Total executed Quantity from premeasuremet Page no.								11937.15		
		Total Executed Quantity								11937.15		
		Tender Quantity								6840.30		
		Quantity upto 125%								8550.38	5.56	47541.00
		Quantity above 125%								3386.78	5.56	18831.00
Item No.23		Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications and as per the										
			Cum									
		Vide Total executed Quantity from premeasuremet Page no.								416.24		
		Total Executed Quantity								416.24		
		Tender Quantity								311.37		
		Quantity upto 125%								389.21	7653.79	2978951.00
		Quantity above 125%								27.02	9823.11	265458.00
Item No.24		Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications and as per the directions of the Engineer-in-charge of the work										
			Sqm									
		Vide Total executed Quantity from premeasuremet Page no.								11937.15		
		Total Executed Quantity								11937.15		
		Tender Quantity								10052.00		
		Quantity upto 125%								11937.15	13.35	159361.00
Item No.25		Providing and laying Bituminous Concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications and as per the directions of the Engineer-in-charge of the work										
Measurements taken on		Judicial Layout										

CIVIL Pro Sig..... Date..... BANGALORE

Assistant Engineer

Executive Engineer
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Contractor

MEASUREMENT SHEET
FIRST AND FINAL BILL
Measurements Taken On :

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
		4th Cross Road										
		From west to east										
0.00	15.00		Cum	1	15.00	9.20	6.93	8.07	0.04	4.84		
15.00	30.00		Cum	1	15.00	6.93	6.55	6.74	0.04	4.04		
30.00	45.00		Cum	1	15.00	6.85	6.75	6.65	0.04	3.99		
45.00	60.00		Cum	1	15.00	6.75	6.75	6.75	0.04	4.05		
60.00	75.00		Cum	1	15.00	6.75	6.80	6.78	0.04	4.07		
75.00	90.00		Cum	1	15.00	6.80	6.35	6.58	0.04	3.95		
90.00	105.00		Cum	1	15.00	6.35	6.40	6.38	0.04	3.83		
105.00	120.00		Cum	1	15.00	6.40	5.80	6.10	0.04	3.66		
120.00	135.00		Cum	1	15.00	5.80	6.80	6.30	0.04	3.78		
135.00	150.00		Cum	1	15.00	6.80	5.60	6.20	0.04	3.72		
150.00	152.20		Cum	1	2.20	5.60	5.60	5.60	0.04	0.48		
152.20	165.00		Cum	1	12.80	6.20	6.45	6.33	0.04	3.24		
165.00	180.00		Cum	1	15.00	6.45	6.40	6.43	0.04	3.86		
180.00	195.00		Cum	1	15.00	6.40	6.40	6.40	0.04	3.84		
195.00	210.00		Cum	1	15.00	6.40	6.55	6.48	0.04	3.89		
210.00	225.00		Cum	1	15.00	6.55	6.60	6.58	0.04	3.95		
225.00	240.00		Cum	1	15.00	6.60	6.40	6.50	0.04	3.90		
240.00	255.00		Cum	1	15.00	6.40	7.15	6.78	0.04	4.07		
255.00	270.00		Cum	1	15.00	7.15	6.85	7.00	0.04	4.20		
270.00	283.70		Cum	1	13.70	6.85	7.20	7.03	0.04	3.85		
283.70	288.40		Cum	1	4.70	3.70	3.70	3.70	0.04	0.70		
		10th Main Road										
		From south to north										
0.00	15.00		Cum	1	15.00	8.00	6.30	7.15	0.04	4.29		
15.00	30.00		Cum	1	15.00	6.30	5.90	6.10	0.04	3.66		
30.00	45.00		Cum	1	15.00	5.90	6.35	6.13	0.04	3.68		
45.00	60.00		Cum	1	15.00	6.35	6.75	6.55	0.04	3.93		
60.00	70.40		Cum	1	10.40	6.35	6.78	6.77	0.04	2.81		
70.40	78.10		Cum	1	7.70	5.95	6.05	6.00	0.04	1.85		
78.10	90.00		Cum	1	11.90	6.80	6.90	6.85	0.04	3.26		
90.00	105.00		Cum	1	15.00	6.90	6.35	6.63	0.04	3.98		
105.00	120.00		Cum	1	15.00	6.35	6.10	6.23	0.04	3.74		
120.00	135.00		Cum	1	15.00	6.10	6.25	6.18	0.04	3.71		
135.00	139.30		Cum	1	4.30	6.25	6.25	6.25	0.04	1.08		
139.30	150.00		Cum	1	10.70	6.80	6.65	6.73	0.04	2.88		
150.00	165.00		Cum	1	15.00	6.65	6.35	6.50	0.04	3.90		
165.00	170.10		Cum	1	5.10	6.35	5.95	6.15	0.04	1.25		
170.10	180.05		Cum	1	9.95	7.05	7.00	7.03	0.04	2.78		
180.00	195.00		Cum	1	15.00	7.00	6.90	6.95	0.04	4.17		
195.00	210.00		Cum	1	15.00	6.90	6.90	6.90	0.04	4.14		
210.00	225.00		Cum	1	15.00	6.90	6.90	6.90	0.04	4.14		
225.00	240.00		Cum	1	15.00	6.90	6.90	6.90	0.04	4.14		
240.00	241.60		Cum	1	1.60	6.90	8.40	7.65	0.04	0.49		
		9th Cross Road										
		From west to east										
0.00	4.30		Cum	1	4.30	8.60	6.05	7.33	0.04	1.26		
4.30	15.00		Cum	1	10.70	6.05	5.60	5.83	0.04	2.49		
15.00	30.00		Cum	1	15.00	5.60	5.55	5.58	0.04	3.35		
30.00	45.00		Cum	1	15.00	5.55	5.80	5.68	0.04	3.41		
45.00	60.00		Cum	1	15.00	5.80	5.65	5.73	0.04	3.44		
60.00	75.00		Cum	1	15.00	5.65	5.90	5.78	0.04	3.47		
75.00	90.00		Cum	1	15.00	5.90	5.05	5.48	0.04	3.29		
90.00	105.00		Cum	1	15.00	5.05	5.30	5.18	0.04	3.11		
105.00	110.90		Cum	1	5.90	5.30	5.35	5.33	0.04	1.26		
110.90	120.00		Cum	1	9.10	6.30	5.90	6.10	0.04	2.22		

CIVIL Prof. Sig..... Date..... BANGALORE

Assistant Engineer

Assistant Executive Engineer

Contractor

PMC

MEASUREMENT SHEET
FIRST AND FINAL BILL
Measurements Taken On :

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
120.00	135.00		Cum	1	15.00	5.90	6.45	6.18	0.04	3.71		
135.00	148.00		Cum	1	13.00	6.45	6.05	6.25	0.04	3.25		
148.00	156.20		Cum		8.20	6.50	6.10	6.30	0.04	2.07		
156.20	165.00		Cum		8.80	6.60	6.30	6.45	0.04	2.27		
165.00	175.60		Cum		10.60	6.30	8.40	7.35	0.04	3.12		
		16th Main Road										
		From south to north										
0.00	15.00		Cum	1	15.00	7.00	6.20	6.60	0.04	3.96		
15.00	30.00		Cum	1	15.00	6.20	6.25	6.23	0.04	3.74		
30.00	45.00		Cum	1	15.00	6.25	6.55	6.40	0.04	3.84		
45.00	60.00		Cum	1	15.00	6.55	6.55	6.55	0.04	3.93		
60.00	75.00		Cum	1	15.00	6.55	6.20	6.38	0.04	3.83		
75.00	90.00		Cum	1	15.00	6.20	6.40	6.30	0.04	3.78		
90.00	105.00		Cum	1	15.00	6.40	7.10	6.75	0.04	4.05		
105.00	120.00		Cum	1	15.00	7.10	6.70	6.90	0.04	4.14		
120.00	135.00		Cum	1	15.00	6.70	6.25	6.48	0.04	3.89		
135.00	150.00		Cum	1	15.00	6.25	6.25	6.25	0.04	3.75		
150.00	165.00		Cum	1	15.00	6.25	6.80	6.53	0.04	3.92		
165.00	180.00		Cum	1	15.00	6.80	6.68	6.74	0.04	4.04		
180.00	195.00		Cum	1	15.00	6.68	7.00	6.84	0.04	4.10		
195.00	210.00		Cum	1	15.00	7.00	7.10	7.05	0.04	4.23		
210.00	225.00		Cum	1	15.00	7.10	6.90	7.00	0.04	4.20		
225.00	229.60		Cum	1	4.60	6.90	7.80	7.35	0.04	1.35		
		15th Main Road										
		From south to north										
0.00	15.00		Cum	1	15.00	7.40	4.35	5.88	0.04	3.53		
15.00	30.00		Cum	1	15.00	4.35	5.05	4.70	0.04	2.82		
30.00	45.00		Cum	1	15.00	5.05	4.10	4.58	0.04	2.75		
45.00	47.30		Cum	1	2.30	4.10	4.10	4.10	0.04	0.38		
47.30	60.00		Cum	1	12.70	4.80	4.25	4.53	0.04	2.30		
60.00	75.00		Cum	1	15.00	4.25	4.70	4.48	0.04	2.69		
75.00	90.00		Cum	1	15.00	4.70	4.55	4.63	0.04	2.78		
90.00	105.00		Cum	1	15.00	4.55	4.55	4.55	0.04	2.73		
105.00	120.00		Cum	1	15.00	4.55	4.55	4.55	0.04	2.73		
120.00	134.50		Cum	1	14.50	4.55	4.50	4.53	0.04	2.62		
134.50	142.00		Cum	1	7.50	5.15	6.55	5.85	0.04	1.76		
		16th Main Road										
		From north to South										
0.00	15.00		Cum	1	15.00	5.20	4.40	4.80	0.04	2.88		
15.00	30.00		Cum	1	15.00	4.40	4.35	4.38	0.04	2.63		
30.00	45.00		Cum	1	15.00	4.35	4.45	4.40	0.04	2.64		
45.00	60.00		Cum	1	15.00	4.45	4.35	4.35	0.04	2.61		
60.00	75.00		Cum	1	15.00	4.25	4.70	4.48	0.04	2.69		
75.00	90.00		Cum	1	15.00	4.70	4.70	4.70	0.04	2.82		
90.00	92.30		Cum	1	2.30	4.70	4.70	4.70	0.04	0.43		
92.30	96.90		Cum	1	4.60	4.30	3.90	4.10	0.04	0.75		
96.90	104.00		Cum	1	7.10	4.40	5.00	4.70	0.04	1.33		
		17th Main Road										
		From north to south										
0.00	15.00		Cum	1	15.00	5.70	4.30	5.00	0.04	3.00		
15.00	30.00		Cum	1	15.00	4.30	5.00	4.65	0.04	2.79		
30.00	45.00		Cum	1	15.00	5.00	4.35	4.68	0.04	2.81		
45.00	60.00		Cum	1	15.00	4.35	4.30	4.33	0.04	2.60		
60.00	72.00		Cum	1	12.00	4.30	4.35	4.33	0.04	2.08		
72.00	80.80		Cum	1	8.80	5.20	5.00	5.10	0.04	1.80		
80.80	91.90		Cum	1	11.10	4.45	4.65	4.65	0.04	2.06		

CIVIL Rep. Sig. Date BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer

Contractor

MEASUREMENT SHEET
FIRST AND FINAL BILL
Measurements Taken On :

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
91.90	99.80		Cum	1	7.90	4.15	7.30	5.73	0.04	1.81		
		25th Cross Road										
		From east to west										
0.00	15.00		Cum	1	15.00	7.40	4.70	6.05	0.04	3.63		
15.00	30.00		Cum	1	15.00	4.70	4.45	4.58	0.04	2.75		
30.00	45.00		Cum	1	15.00	4.45	4.10	4.28	0.04	2.57		
45.00	60.00		Cum	1	15.00	4.10	3.95	4.03	0.04	2.42		
60.00	75.00		Cum	1	15.00	3.95	5.10	4.53	0.04	2.72		
75.00	90.00		Cum	1	15.00	5.10	4.30	4.70	0.04	2.82		
90.00	105.00		Cum	1	15.00	4.30	4.30	4.30	0.04	2.58		
105.00	112.60		Cum	1	7.60	4.30	4.50	4.40	0.04	1.34		
112.60	115.40		Cum	1	2.80	5.60	6.50	6.05	0.04	0.68		
		23rd Cross Road										
		From east to west										
0.00	15.00		Cum	1	15.00	5.80	4.75	5.28	0.04	3.17		
15.00	27.80		Cum	1	12.80	4.75	4.95	4.85	0.04	2.48		
27.80	30.00		Cum	1	2.20	4.45	4.18	4.45	0.04	0.39		
30.00	45.00		Cum	1	15.00	4.45	4.88	4.65	0.04	2.79		
45.00	51.90		Cum	1	6.90	4.85	5.00	4.93	0.04	1.36		
51.90	60.00		Cum	1	8.10	4.48	4.20	4.33	0.04	1.40		
60.00	75.00		Cum	1	15.00	4.95	4.48	4.70	0.04	2.82		
75.00	90.00		Cum	1	15.00	4.45	4.10	4.28	0.04	2.57		
90.00	105.00		Cum	1	15.00	4.10	4.50	4.30	0.04	2.58		
105.00	120.00		Cum	1	15.00	4.50	4.00	4.25	0.04	2.55		
120.00	125.00		Cum	1	5.00	4.00	4.50	4.25	0.04	0.85		
125.00	128.90		Cum	1	3.90	4.90	5.20	5.05	0.04	0.79		
		24th Cross Road										
		From east to west										
0.00	15.00		Cum	1	15.00	5.55	4.65	5.10	0.04	3.06		
15.00	30.00		Cum	1	15.00	4.65	4.70	4.68	0.04	2.81		
30.00	41.20		Cum	1	11.20	4.70	4.70	4.70	0.04	2.11		
41.20	45.00		Cum	1	3.80	5.20	4.55	4.88	0.04	0.74		
45.00	60.00		Cum	1	15.00	4.65	4.30	4.48	0.04	2.69		
60.00	67.00		Cum	1	7.00	4.40	4.75	4.58	0.04	1.28		
67.00	75.00		Cum	1	8.00	5.30	5.60	5.45	0.04	1.74		
75.00	87.60		Cum	1	12.60	5.60	6.80	6.20	0.04	3.12		
		Judicial Layout										
		22nd Cross Road										
		(From West to East)										
0.00	15.00		Cum	1	15.00	7.20	6.10	6.66	0.04	3.96		
15.00	30.00		Cum	1	15.00	6.00	6.85	6.43	0.04	3.86		
30.00	45.00		Cum	1	15.00	6.85	6.85	6.85	0.04	4.11		
45.00	60.00		Cum	1	15.00	6.85	6.80	6.83	0.04	4.10		
60.00	75.00		Cum	1	15.00	6.80	6.15	6.63	0.04	3.98		
75.00	90.00		Cum	1	15.00	6.45	6.65	6.55	0.04	3.93		
90.00	105.00		Cum	1	15.00	6.65	6.60	6.63	0.04	3.98		
105.00	120.00		Cum	1	15.00	6.60	6.15	6.38	0.04	3.83		
120.00	135.00		Cum	1	15.00	6.15	6.25	6.20	0.04	3.72		
135.00	150.00		Cum	1	15.00	6.25	6.15	6.20	0.04	3.72		
150.00	165.00		Cum	1	15.00	6.15	5.90	6.03	0.04	3.63		
165.00	180.00		Cum	1	15.00	5.95	6.15	6.05	0.04	3.63		
180.00	195.00		Cum	1	15.00	6.15	5.85	6.00	0.04	3.60		
195.00	210.00		Cum	1	15.00	5.85	6.55	6.20	0.04	3.72		
210.00	225.00		Cum	1	15.00	6.55	7.00	6.78	0.04	4.07		
225.00	240.00		Cum	1	15.00	7.00	7.15	7.08	0.04	4.25		
240.00	255.00		Cum	1	15.00	7.15	7.20	7.18	0.04	4.31		

CIVIL Pro Sign Date BANGALORE

Assistant Engineer

Assistant Executive Engineer

Contractor

PMC

MEASUREMENT SHEET
FIRST AND FINAL BILL
Measurements Taken On :

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
255.00	270.00		Cum	1	15.00	7.20	6.55	6.88	0.04	4.13		
270.00	285.00		Cum	1	15.00	6.55	6.85	6.70	0.04	4.02		
285.00	300.00		Cum	1	15.00	6.85	6.75	6.80	0.04	4.08		
300.00	315.00		Cum	1	15.00	6.75	6.85	6.80	0.04	4.08		
315.00	330.00		Cum	1	15.00	6.85	7.95	7.40	0.04	4.44		
330.00	345.00		Cum	1	15.00	7.95	6.90	7.43	0.04	4.46		
345.00	360.00		Cum	1	15.00	6.90	6.95	6.93	0.04	4.16		
360.00	375.00		Cum	1	15.00	6.95	6.95	6.95	0.04	4.17		
375.00	390.00		Cum	1	15.00	6.85	6.80	6.88	0.04	4.13		
390.00	405.00		Cum	1	15.00	6.80	5.70	6.25	0.04	3.75		
									Total Executed Quantity	477.49		
									Tender Quantity	380.08		
									Quantity upto 125%	475.10	8967.62	4260517.00
									Quantity above 125%	2.39	11439.53	27296.00
Item No.26		Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC 35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications and as per the directions of the Engineer-in-charge of the work										
Measurements taken on												
		Judicial Layout										
		4th Cross Road										
		From west to east										
0.00	15.00		Sqm	2	15.00				0.10	3.00		
15.00	30.00		Sqm	2	15.00				0.10	3.00		
30.00	45.00		Sqm	2	15.00				0.10	3.00		
45.00	60.00		Sqm	2	15.00				0.10	3.00		
60.00	75.00		Sqm	2	15.00				0.10	3.00		
75.00	90.00		Sqm	2	15.00				0.10	3.00		
90.00	105.00		Sqm	2	15.00				0.10	3.00		
105.00	120.00		Sqm	2	15.00				0.10	3.00		
120.00	135.00		Sqm	2	15.00				0.10	3.00		
135.00	150.00		Sqm	2	15.00				0.10	3.00		
150.00	152.20		Sqm	2	2.20				0.10	0.44		
152.20	165.00		Sqm	2	12.80				0.10	2.56		
165.00	180.00		Sqm	2	15.00				0.10	3.00		
180.00	195.00		Sqm	2	15.00				0.10	3.00		
195.00	210.00		Sqm	2	15.00				0.10	3.00		
210.00	225.00		Sqm	2	15.00				0.10	3.00		
225.00	240.00		Sqm	2	15.00				0.10	3.00		
240.00	255.00		Sqm	2	15.00				0.10	3.00		
255.00	270.00		Sqm	2	15.00				0.10	3.00		
270.00	283.70		Sqm	2	13.70				0.10	2.74		
283.70	288.40		Sqm	2	4.70				0.10	0.94		
		10th Main Road										
		From south to north										
0.00	15.00		Sqm	2	15.00				0.10	3.00		
15.00	30.00		Sqm	2	15.00				0.10	3.00		
30.00	45.00		Sqm	2	15.00				0.10	3.00		
45.00	60.00		Sqm	2	15.00				0.10	3.00		
60.00	70.40		Sqm	2	10.40				0.10	2.08		
70.40	78.10		Sqm	2	7.70				0.10	1.54		
78.10	90.00		Sqm	2	11.90				0.10	2.38		
90.00	105.00		Sqm	2	15.00				0.10	3.00		

Sig..... Date..... BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

MEASUREMENT SHEET
FIRST AND FINAL BILL
Measurements Taken On :

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
90.00	105.00		Sqm	2	15.00				0.10	3.00		
105.00	120.00		Sqm	2	15.00				0.10	3.00		
120.00	125.00		Sqm	2	5.00				0.10	1.00		
125.00	128.90		Sqm	2	3.90				0.10	0.78		
		24th Cross Road										
		From east to west										
0.00	15.00		Sqm	2	15.00				0.10	3.00		
15.00	30.00		Sqm	2	15.00				0.10	3.00		
30.00	41.20		Sqm	2	11.20				0.10	2.24		
41.20	45.00		Sqm	2	3.80				0.10	0.76		
45.00	60.00		Sqm	2	15.00				0.10	3.00		
60.00	67.00		Sqm	2	7.00				0.10	1.40		
67.00	75.00		Sqm	2	8.00				0.10	1.60		
75.00	87.60		Sqm	2	12.60				0.10	2.52		
		Judicial Layout										
		22nd Cross Road										
		(From West to East)										
0.00	15.00		Sqm	2	15.00				0.10	3.00		
15.00	30.00		Sqm	2	15.00				0.10	3.00		
30.00	45.00		Sqm	2	15.00				0.10	3.00		
45.00	60.00		Sqm	2	15.00				0.10	3.00		
60.00	75.00		Sqm	2	15.00				0.10	3.00		
75.00	90.00		Sqm	2	15.00				0.10	3.00		
90.00	105.00		Sqm	2	15.00				0.10	3.00		
105.00	120.00		Sqm	2	15.00				0.10	3.00		
120.00	135.00		Sqm	2	15.00				0.10	3.00		
135.00	150.00		Sqm	2	15.00				0.10	3.00		
150.00	165.00		Sqm	2	15.00				0.10	3.00		
165.00	180.00		Sqm	2	15.00				0.10	3.00		
180.00	195.00		Sqm	2	15.00				0.10	3.00		
195.00	210.00		Sqm	2	15.00				0.10	3.00		
210.00	225.00		Sqm	2	15.00				0.10	3.00		
225.00	240.00		Sqm	2	15.00				0.10	3.00		
240.00	255.00		Sqm	2	15.00				0.10	3.00		
255.00	270.00		Sqm	2	15.00				0.10	3.00		
270.00	285.00		Sqm	2	15.00				0.10	3.00		
285.00	300.00		Sqm	2	15.00				0.10	3.00		
300.00	315.00		Sqm	2	15.00				0.10	3.00		
315.00	330.00		Sqm	2	15.00				0.10	3.00		
330.00	345.00		Sqm	2	15.00				0.10	3.00		
345.00	360.00		Sqm	2	15.00				0.10	3.00		
360.00	375.00		Sqm	2	15.00				0.10	3.00		
375.00	390.00		Sqm	2	15.00				0.10	3.00		
390.00	405.00		Sqm	2	15.00				0.10	3.00		
									Total Executed Quantity	397.58		
									Tender Quantity	338.40		
									Quantity upto 125%	397.58	477.25	189746.00

E1	Providing and laying/fixing cement base, precast, pre polished cement concrete designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mix finished with flush pointing using white cement, including cost of materials, including cutting, grinding the edge to half full round wherever required, labour, curing complete as per specification and as per the directions of the Engineer-in-charge of the work
Measurements taken on	

CIVIL Prof. Sign Date BANGALORE

Contractor PMC Assistant Engineer Assistant Executive Engineer

MEASUREMENT SHEET
FIRST AND FINAL BILL

Measurements Taken On :

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
		RHS										
		Shoulder Drain 1	Sqm	-1	1.50	0.60	0.60	0.60		-0.90		
		Shoulder Drain 2	Sqm	-1	1.50	0.60	0.60	0.60		-0.90		
		Shoulder Drain 3	Sqm	-1	1.50	0.60	0.60	0.60		-0.90		
		Shoulder Drain 4	Sqm	-1	1.50	0.60	0.60	0.60		-0.90		
		Shoulder Drain 5	Sqm	-1	0.70	0.60	0.60	0.60		-0.42		
		Shoulder Drain 6	Sqm	-1	0.70	0.60	0.60	0.60		-0.42		
									Total Executed Quantity	3686.23	1370.56	5052213.00
											Sub Total	44034438.00
											For 12% Applicable GST	5284133.00
											Total Amount	49318571.00

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಜಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-10

CIVIL Pro
Sig.....
Date.....
BANGALORE

PMC

Assistant Engineer

Assistant Executive Engineer